

**MANUFACTURING
RESEARCH&DEVELOPING**

CATALOGUE **69_EN** 2026



MICROTECH

est. 1995

UKRAINIAN CREATIVITY 



GERMAN RELIABILITY

30TH ANNIVERSARY



**ONLY
INNOVATIVE
MEASURING
INSTRUMENTS**

MICROTECH was established in 1995 in Kharkiv, Ukraine, initially specializing in the production of high-precision drills and supplying instruments to Ukrainian aerospace and military companies. From these beginnings, the company quickly gained a reputation for quality and reliability in demanding industries. Recognizing the growing market need for high-quality measuring instruments, in 2004 MICROTECH expanded its capabilities by founding a dedicated measuring instruments workshop, a service workshop, and its own accredited metrological laboratory.

Over the following five years, the MICROTECH brand became the leading Ukrainian name in measuring instruments, earning multiple honors including repeated recognition among the “100 Best Goods of Ukraine.” The company achieved certification under the ISO 9001:2015 quality management standard through BVQI, while its metrological laboratory obtained accreditation in accordance with ISO/IEC 17025:2017 by ILAC, further reinforcing its commitment to quality and precision.

MICROTECH operates its own specialized workshops equipped with modern machinery, alongside advanced laboratories for rigorous testing and quality assurance. The company also houses a laser engraving department and a dedicated research and development division, enabling continuous innovation and precise customization. To ensure the highest manufacturing standards, MICROTECH collaborates closely with both local and European suppliers for machine parts and electronic components, integrating the best materials and technologies into its products.

The company's innovative approach has established MICROTECH as a forward-thinking leader in the industry, known for delivering genuinely new and advanced solutions. Its products reach customers worldwide through a network of over 50 active distributors covering all continents, underscoring MICROTECH's global footprint.

In addition to high-end instruments, MICROTECH produces a wide range of mass-market digital calipers, micrometers, indicators, thickness gauges, and bore gauges that offer Excellent price-to-quality ratios. The MICROTECH brand currently commands more than 40% of the Ukrainian measuring instrument market and has significantly increased export sales since 2015, growing export volume by over eight times.

In 2024, MICROTECH expanded further by opening a new office and manufacturing department in Kyiv, which includes a newly established metrological laboratory. This Kyiv laboratory is set to receive ISO/IEC 17025 accreditation in 2025, enhancing the company's quality assurance infrastructure and service capabilities in the capital region.

In 2025, MICROTECH became a truly international company with the launch of MICROTECH Europe GmbH in Germany. This subsidiary manages the supply and servicing of MICROTECH instruments to distributors throughout the European Union, providing enhanced customer support and faster delivery, and strengthening MICROTECH's presence in the global market.





Since 2014 MICROTECH developing and patented over 130 new products and measuring solutions.

Our most popular innovative products:

- **DataMet** computerized calipers, micrometers, indicators with multifunctional MICS system with multimode Wireless data transfer adopted to Industry 4.0;
- **SwissMet** micron digital calipers with Force control for accurate and special measurements;
- Wide range and special configuration micrometers, bore gauges, thickness gauges, radius gauges;
- Calibration and measurement stands.
- **DataMet** Manual and Motorized height gauges with Touch Probe and contact 2D measuring possibilities
- Wireless & USB Data transfer solutions
- MDS software for receiving and collecting data for Windows, Android, iOS, MacOS systems.

On 2025-2026 year we added **NEW** products to our product range:

- Micrometers and micrometer heads with Non-rotating spindle and **0-50mm** measuring range
- **DataMet** indicators and gauges with Multiscale round Touchscreen display
- **DataMet** computerized indicators, micrometers, calipers, force gauges with **MODBUS RTU** data protocol
- **DataMet** Manual and Motorized height gauges with Laser Probe and 2D non-contact measuring possibilities



ROHS, CE CERTIFICATION

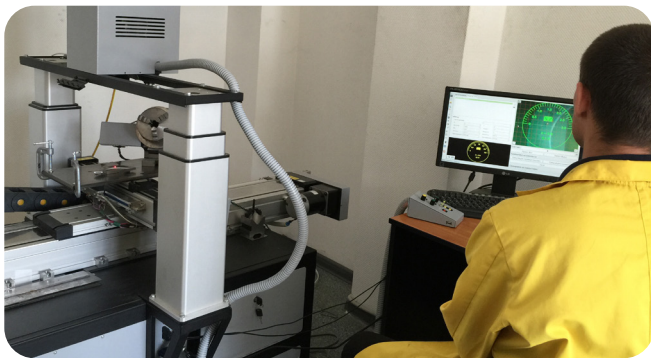
150+ PATENTS US, UA, WO

MICROTECH's manufacturing process strictly follows the ISO 9001:2015 quality management system, certified by BVQI, reflecting our commitment to delivering products that meet high-quality standards and customer expectations. We proudly produce a wide range of precision measuring instruments, including micrometers, calipers, bore gauges, and calibration and measuring stands, designed for accurate and reliable measurements across various applications.

MICROTECH use different types of electronics on instruments:

- high precision and multifunctional **DataMet** computerized electronics developed by MICROTECH
- precision and IP67 proof **SwissMet** digital electronics sourced from Switzerland
- high quality and budget-friendly **CertiMet** electronics

In production, we emphasize hand finishing of measuring surfaces on calipers, micrometers, thickness gauges, and measuring stands to guarantee precise contact points and high surface quality, essential for consistent measurements. Combining modern electronics and expert craftsmanship, MICROTECH ensures each instrument meets industry standards for precision, durability, and usability.



Bureau Veritas Certification

PSME "MICROTECH"

39, Rustaveli Str., Kharkiv, 61001, Ukraine

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Manufacturing, calibration and delivery of industrial tools.

Original cycle start date:	17 March 2005
Expiry date of previous cycle:	06 February 2023
Certification / Recertification Audit date:	03 February 2023
Certification / Recertification cycle start date:	20 February 2023

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **06 February 2026**

Certificate No. **UA230829** Version: 0 Revision date: **20 February 2023**


Olena Svyrydenko
Signed on behalf of BVCH SAS UK Branch



Certification body address: 5th Floor, 66 Prescott Street, London E1 6HG, United Kingdom
Local office: 5th floor, 28, Simon Petlyura St., Kyiv, 01032, UKRAINE

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +380 44 354 16 00

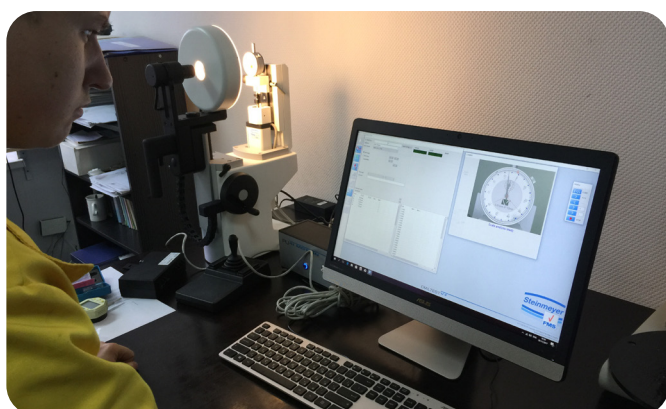
1 / 1

MANUFACTURING ISO9001:2015

MICROTECH metrological laboratory is accredited under ISO/IEC 17025:2019 and recognized by ILAC, ensuring the highest standards of accuracy and reliability in calibration services. All MICROTECH measuring instruments undergo metrological control our accredited laboratory, with calibration included at no extra cost and accompanied by a detailed calibration protocol.

Our laboratory is equipped with modern, advanced measurement equipment (Swiss, German, UK origin), enabling precise calibration of a wide range of instruments. We undergo annual re-accreditation to maintain compliance with international standards and continually improve our quality.

By choosing MICROTECH, customers receive fully calibrated and verified instruments, guaranteeing accuracy and reliability for all measurement needs.




NATIONAL ACCREDITATION AGENCY OF UKRAINE
NATIONAL ACCREDITATION BODY OF UKRAINE

ACCREDITATION CERTIFICATE

  Registered
on February 07, 2022
No. 40051
valid until February 06, 2027
Date of the Initial Accreditation: February 07, 2017

NATIONAL ACCREDITATION AGENCY OF UKRAINE
BY THIS CONFIRMS THE COMPETENCE OF

**Calibration Laboratory of
PRIVATE SCIENTIFIC-PRODUCTION ENTERPRISE
«MICROTECH»**

Address of the legal entity:
34 A Selianska Str., flat 34, Kharkiv, 61004

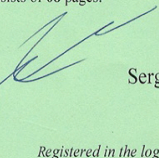
Address of the CAB:
39 Rustaveli Str., Kharkiv, 61001

3 0 2 9 1 6 8 2
(EDRPOU Code)

IN COMPLIANCE WITH THE REQUIREMENTS OF DSTU EN ISO/IEC 17025:2019
(EN ISO/IEC 17025:2017, IDT; ISO/IEC 17025:2017, IDT) IN THE SCOPE OF:

**calibration of equipment by types of measurement:
L – length; M – mass and related quantities.**

The scope of accreditation is defined by the Annex to this Certificate.
The Annex is an integral part of this Certificate and consists of 08 pages.

Acting director  Sergii POPYK

Translation dated 17.02.2022
18/7 Henerala Almazova Street, Kyiv, 01763

Registered in the logbook under No. 1310 A

NAAU is a signatory to: 1) EA BLA in the scopes of «Testing», «Calibration», «Product certification», «Certification of persons», «Management systems certification», «Inspection» and «Medical Examination»; 2) ILAC MRA in the scopes of «Testing», «Calibration», «Inspection» and «Medical Testing»; 3) IAF MLA in the scopes of «Product certification», «Certification of persons», «Management systems certification».

CALIBRATION ISO17025:2017

DataMet INSTRUMENTS - ROUND 1.8" TOUCHSCREEN DISPLAY

ADJUSTABLE SCALES



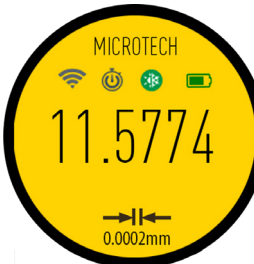
COMPARATOR



ANALOG



DIGITAL



DIGITAL



DISPLAY: 1.8" ROUND Hi-res Touchscreen display

READING SYSTEM: PRECISION SWISS MADE READING SYSTEM 0.0002 or 0.0005mm resolution

DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications) **NEW!!!**



HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

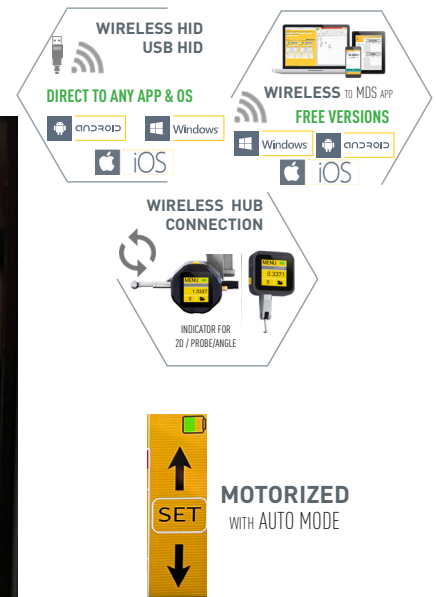
FUNCTIONS: GRAPHIC, SYNCHRONIZED DEVICE, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, PEAK, LIMITS, GRAPHIC, MULTISCALE (4 scales)

CALIBRATION: CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

MEMORY: 50000 values with FOLDERS, STATISTICS. Data transfer from MEMORY

BATTERY: RECHARGEABLE 600 mAh Li-Pol battery, USB-C charging/data socket

DataMet INSTRUMENTS - 3.5" TOUCHSCREEN DISPLAY



DISPLAY: 3.5" Hi-res Touchscreen display

FOR USING ON **MOTORIZED** OR MANUAL HEIGHT GAUGES and MEASURING STANDS
TOUCH PROBE PROBES, LASER PROBES CONNECTION for 2D / PROBE functions

READING SYSTEM: DIFFERENT READING SYSTEMS (STANDARD/**SWISS MADE**)

DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications)



HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

FUNCTIONS: GRAPHIC, SYNCHRONIZED DEVICE, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, PEAK, LIMITS, GRAPHIC, **MOTORIZED** with AUTO mode, LASER/TOUCHPROBES connection, MANUAL TEMPERATURE COMPENSATION

CALIBRATION: CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

MEMORY: 2000 values with FOLDERS, STATISTICS. Data transfer from MEMORY

BATTERY: RECHARGEABLE 2000 mAh Li-Pol battery, USB-C charging/data socket

DataMet INSTRUMENTS - 2.0 / 2.4" TOUCHSCREEN DISPLAY



DISPLAY: 2.0 and 2.4" Hi-res Touchscreen displays

FOR USING ON PRECISION MEASURING INSTRUMENTS (calipers, indicators, micrometers)

READING SYSTEM: DIFFERENT READING SYSTEMS (STANDARD/**SWISS MADE**)

FORCE CONTROL: MODIFICATIONS with E-FORCE (1-20N, multimodes)

DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications)

HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

FUNCTIONS: GRAPHIC, SYNCHRONIZED DEVICE, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, PEAK, LIMITS, GRAPHIC, FW update, MANUAL TEMPERATURE COMPENSATION, E-FORCE control (modifications)

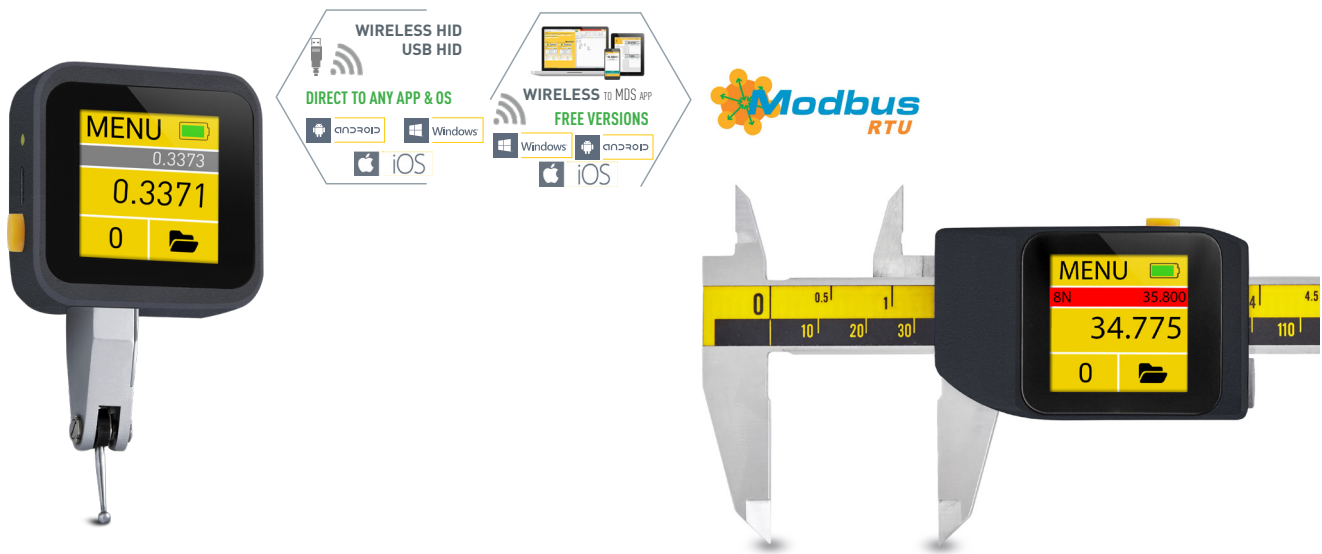
CALIBRATION: CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

MEMORY: 2000 values with FOLDERS, STATISTICS. Data transfer from MEMORY

BATTERY: RECHARGEABLE 600 mAh Li-Pol battery, USB-C charging/data socket



DataMet INSTRUMENTS - 1.54" TOUCHSCREEN DISPLAY



DISPLAY: 1.54" Touchscreen displays

FOR USING ON MEASURING INSTRUMENTS (calipers, indicators, internal micrometers)

READING SYSTEM: STANDARD READING SYSTEMS

FORCE CONTROL: MODIFICATIONS with E-FORCE (1-20N, multimodes)

DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- MODBUS RTU (modifications)



HUB CONNECTION:

- HUB (2D, Probe) synchronization (Slave device)

FUNCTIONS: LIMITS, PEAK, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, FW update, MANUAL TEMPERATURE COMPENSATION, E-FORCE control (modifications)

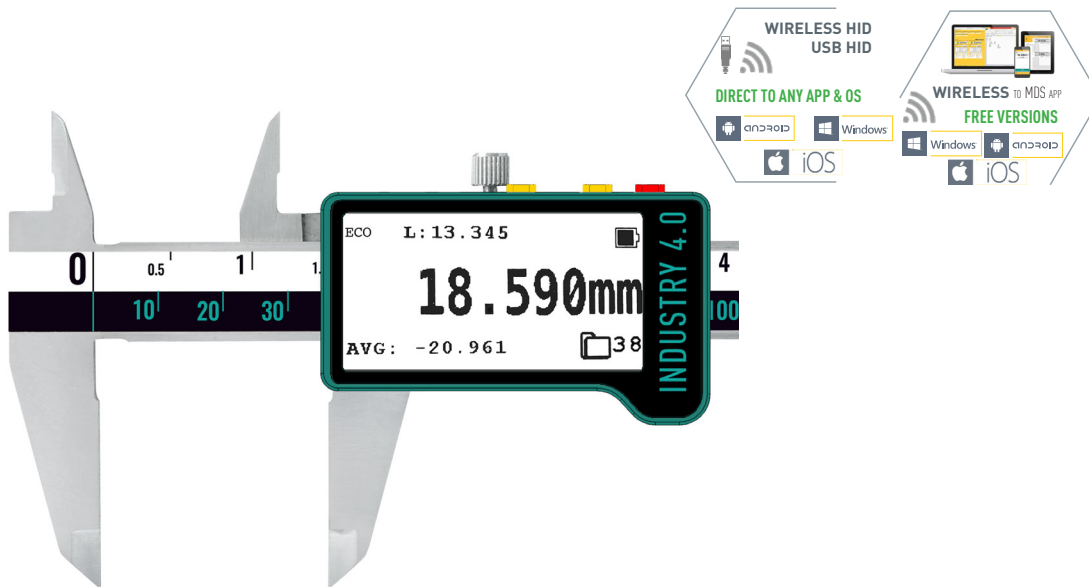
CALIBRATION: CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

MEMORY: 2000 values with STATISTICS. Data transfer from MEMORY

BATTERY: RECHARGEABLE 400 mAh Li-Pol battery, USB-C charging/data socket

MICROTECH INSTRUMENTS FUNCTIONS

E-INK INSTRUMENTS 2.13" E-INK DISPLAY



DISPLAY: 2.13" E-ink mono displays
ENERGY ECONOMY (200+ working hours/ 1 charging)

FOR USING ON MEASURING CALIPERS

READING SYSTEM: STANDARD READING SYSTEMS

DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)

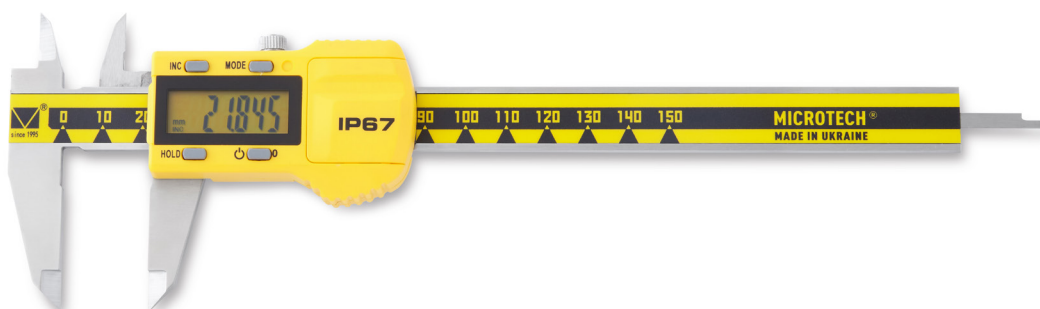
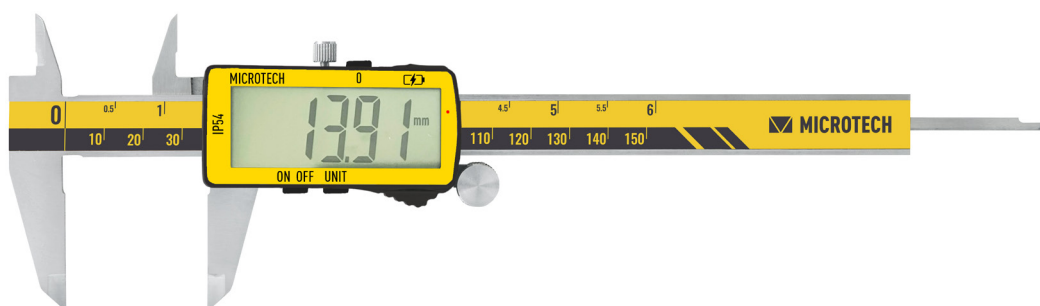
FUNCTIONS: LIMITS, PEAK, TIMER, PRESET, FORMULA, RESOLUTION SELECTION, FW update

CALIBRATION: CALIBRATION DATE CONTROL, LINEAR ERROR COMPENSATION

MEMORY: 1000 values with STATISTICS. Data transfer from MEMORY

BATTERY: RECHARGEABLE 500 mAh Li-Pol battery, USB-C charging/data socket

CertiMet INSTRUMENTS



BUDGET electronics for using on calipers, micrometers, indicators with IP54, IP65, IP67 proof

DATA TRANSFER MODES:

- USB HID to any app and OS

OPTIONAL FUNCTIONS: PRESET, HOLD

BATTERY: CR 2032 3V

SwissMet WIRELESS INSTRUMENTS



SWISS ELECTRONICS IP67 proof with BIG SCREEN DISPLAYS (plastic or AL casing)

READING SYSTEM: SWISS ELECTRONICS IP67

RESOLUTION: 0.01 or 0.001 mm

FOR USING ON PRECISION CALIPERS with IP67 proof

DATA TRANSFER MODES:

- **WIRELESS** data to MDS app (Windows, Android, MacOS, iOS)
- **WIRELESS HID** to any app and OS
- **WIRELESS HID+MAC** to any app and OS (with MAC address)

FUNCTIONS: PRESET, HOLD, mm/inch, Error compensation, etc.

BATTERY: CR 2032 3V

WIRELESS SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	23.45 Big display - 12mm Digit
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	 SWISS ELECTRONICS Swiss electronics
MDS APP WIRELESS MDS app	HID WIRELESS HID	HID MAC WIRELESS HID+MAC



MICROTECH INSTRUMENTS FUNCTIONS

SwissMet INSTRUMENTS



SWISS ELECTRONICS IP67 proof with BIG SCREEN DISPLAYS (plastic or AL casing)

READING SYSTEM: SWISS ELECTRONICS IP67

RESOLUTION: 0.01 or 0.001 mm

FOR USING ON PRECISION CALIPERS with IP67 proof

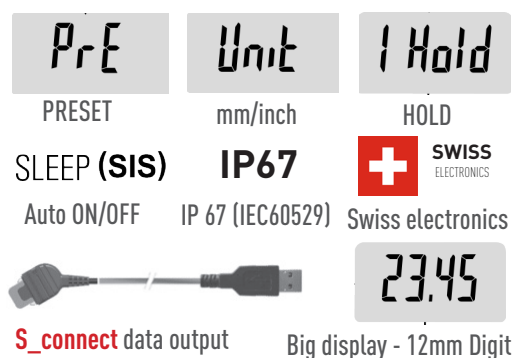
DATA TRANSFER MODES:

- **S_connect** data output to app

FUNCTIONS: PRESET, HOLD, mm/inch, Error compensation, etc.

BATTERY: CR 2032 3V

SWISSMET IP67 FUNCTIONS



SwissMet
interface



CONNECTION
possibilities



16

DATA TRANSMISSION & SOFTWARE



146

DEPTH CALIPERS

CALIPERS



32

SCALES



158

MANUAL & MOTORIZED HEIGHT GAUGES



174

MICROMETERS



196

SNAP GAUGE



256

INDICATORS



266

DIAL GAGE STANDS



286

THICKNESS GAUGES



294

CALIPER GAUGES



326



334

INTERNAL MICROMETER

PISTOL GRIP BORE GAUGES



338



350

BORE GAUGES

RADIUS GAUGES



372



376

PROTRACTORS

LEVELS



378



380

MEASURING STANDS

CALIBRATION EQUIPMENT



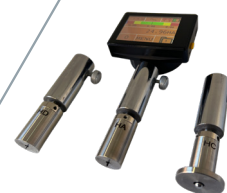
388



394

FORCE TESTERS AND STANDS

PORTABLE HARDNESS TESTERS

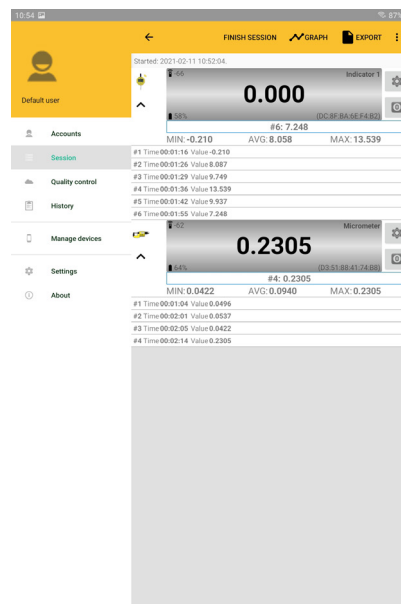


404

- **FREE** MDS application for Android
- MDS application can be downloaded on Google play
- For connection with **DataMet** / **WIRELESS SwissMet** instruments
- Standard and Energy saving mode (for **WIRELESS SwissMet** instruments)
- Up to 8 connections **DataMet** / **WIRELESS SwissMet** instruments at the same time
- Functions: Go/NoGo, Timer, Linear correction, Statistics mode, Data Export, Graphic, Voice mode, User manager, Graphical mode
- **NO USB-DONGLE REQUESTED**



	MDS for Android
	FREE
	299100040
Platform	Android 6.0 +
Instruments connection	DataMet / WIRELESS SwissMet
Max. instruments	8
mm/inch conversion	•
Go/NoGo functions	•
Graphical mode	•
Reading on Timer	•
Measuring history	•
Save data to xls	•
Save data to csv	•
Save graph	•
User manager	•
Instrument battery status	•
Voice mode	•
Multilanguage	12 languages



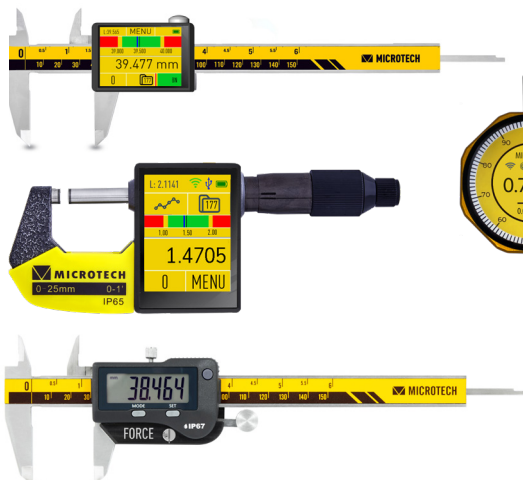
FREE MDS APP FOR iOS & MacOS

- **FREE** MDS application for iOS, MacOS
- MDS application can be downloaded on the AppStore
- For connection with **DataMet** / **WIRELESS SwissMet** instruments
- Standard and Energy saving mode (for **WIRELESS SwissMet** instruments)
- Up to 8 connections **DataMet** / **WIRELESS SwissMet** instruments at the same time
- **Functions:** Go/NoGo, Timer, Linear correction, Statistics mode, Data Export, Graphic, Voice mode, User manager, Graphical mode
- **NO USB-DONGLE REQUESTED**



	MDS for iOS	MDS for MacOS
	FREE	FREE
	299100060	299100060
Platform	iOS	MacOS (M1+)
Instruments connection	DataMet / WIRELESS SwissMet	
Max. instruments	8	8
mm/inch conversion	•	•
Go/NoGo functions	•	•
Graphical mode	•	•
Reading on Timer	•	•
Measuring history	•	•
Save data to xls		
Save data to csv	•	•
Save graph	•	•
User manager	•	•
Instrument battery status	•	•
Voice mode	•	•
Multilanguage	3 language	3 language





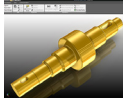
USB-DONGLE



**DATAMET
BUTTON**



**DATAMET
FOOTSWITCH**



**RESEND DATA
TO ANY WINDOWS APP**

MULTILINGUAL

**MAX 50M
DISTANCE**

**ZERO
SETTING**

**FOOTSWITCH
CONNECTION**

**MAX 48
INSTRUMENTS
CONNECTION**



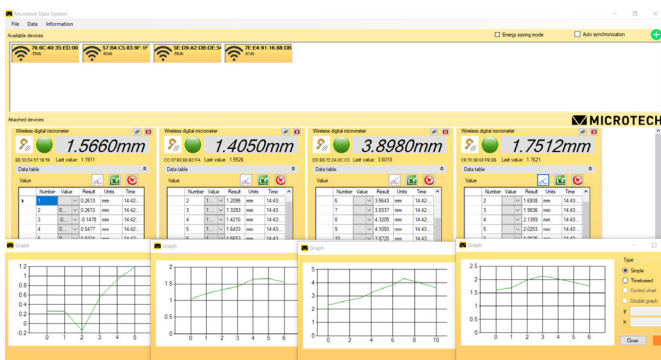
**2D
GRAPH**



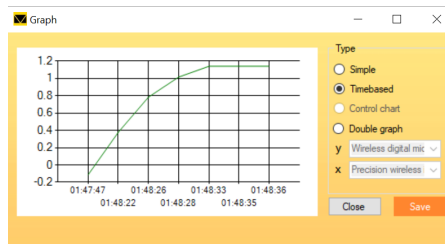
**SAVING DATA
TO XLS, PDF, CSV**

**SINCRONIZE
READING**

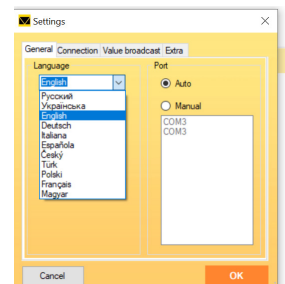
**UP TO 10
USB DONGLES**



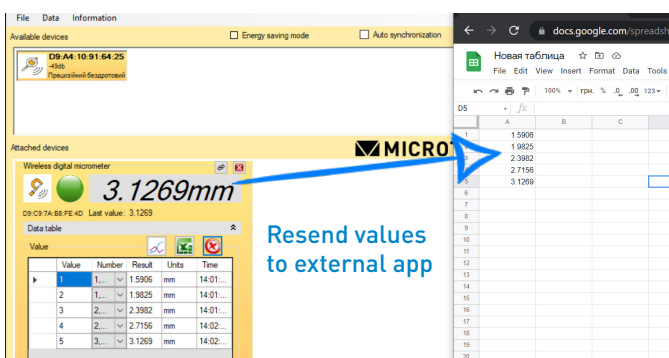
UP TO 48 DATAMET AND WIRELESS SWISSMET INSTRUMENTS



GRAPHICAL MODE



MULTILINGUAL



ON-LINE RESEND DATA TO EXTERNAL APP'S

Precision wireless indicator

-0.3989mm

CS-93-3E-9C-D5-0E Last value: -0.2767

Data table

Number	Value	Result	Units	Time
1	0.0000	0.0000	mm	10:49...
2	-0.3987	-0.3987	mm	10:50...
3	1.2631	1.2631	mm	10:50...
4	-0.2767	-0.2767	mm	10:50...

Settings

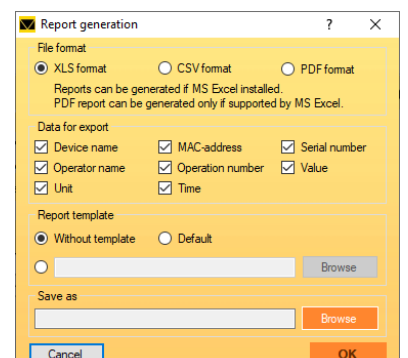
☐ MIN 0.000 ☐ MAX 0.000

☐ Timer: s 1 Repeats 1

☐ mm ☐ in ☒ Resend data

Device Name

MULTIFUNCTIONAL



REPORT SAVING

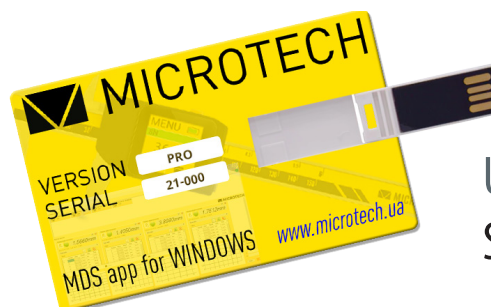
- MDS app for Windows for **CONNECTION** with MICROTECH instruments (up to 48 instruments in PRO version)
- **FREE** version can be downloaded/ **STANDARD, OPTIMA & PRO** versions supplying on USB-stick
- Collecting data from MICROTECH instruments and ZERO setting
- Autoconnection, Data reading synchronizing, connection modes.
- On-line Export data to external programs (to Excel, SAP, Solidworks, etc). Data Format adjustable (dot/comma, symbols)
- Data Export (csv, pdf, xls formats),
- Graphical and 2D Graphical mode (saving in png format)
- **USB-DONGLE REQUESTED**
- Optional **DataMet** Buttons, Footswitch for collecting Data and setting ZERO.



MDS app for Windows				
	FREE	STANDARD	OPTIMA	PRO
	299100530	299100550	299100560	299100570
Platform	Windows 7, 8, 10, 11			
Max. instruments connected	1	3	8	48
USB-dongles (max qty)	1	1	2	10
Instruments connection	DataMet / WIRELESS SwissMet			
Instrument ZERO setting (DataMet)		•	•	•
Standard/Energy saving mode	•	•	•	•
Autoconnection	•	•	•	•
Filtering MICROTECH devices	•	•	•	•
Data reading Synchronizing		•	•	•
User manager	•	•	•	•
WIRELESS Foot-Switch connection		•	•	•
WIRELESS Button connection		•	•	•
USB Foot-Switch connection		•	•	•
mm/inch conversion	•	•	•	•
Go/NoGo functions	•	•	•	•
Graphical mode			•	•
2D-Graphical mode				•
Timer	•	•	•	•
Resolution selection	•	•	•	•
Export to external programs	•	•	•	•
Save data to csv, xls, pdf		•	•	•
Save graph png			•	•
Multilanguage	10 languages			
Format	Download	USB-stick		



DOWNLOAD MDS APP **FREE**



USB-STICK WITH MDS APP
STANDARD, OPTIMA, PRO

DELIVERY SET



OPTIONAL



STANDARD MDS data set



OPTIMA MDS data set



PRO MDS data set



PRO+ MDS data set



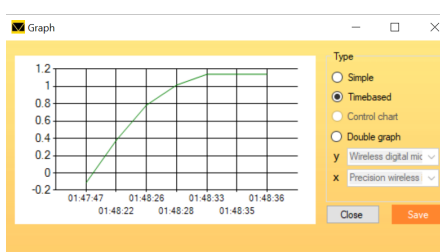
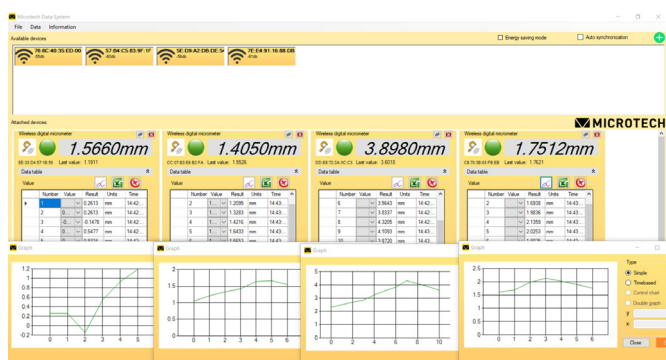
PRO-DESK MDS data set



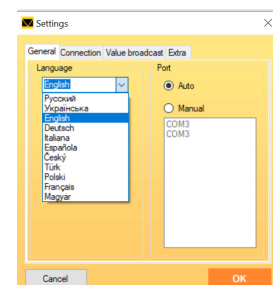
MDS CONNECTION SET FOR WINDOWS

- MDS CONNECTION SET for Windows - including MDS app, USB-dongles, extension cables and Footswitches (some versions)
- MDS CONNECTION SET - Ready Data collecting solution from box with optimal price
- **STANDARD, OPTIMA & PRO** versions supplying on USB-stick
- Collecting data from MICROTECH instruments and ZERO setting
- Autoconnection, Data reading synchronizing, connection modes.
- On-line Export data to external programs (to Excel, SAP, Solidworks, etc). Data Format adjustable (dot/comma, symbols)
- Data Export (csv, pdf, xls formats) and Graphica/2D Graphical mode (saving in png format)
- Optional **DataMet** Buttons, Footswitch for collecting Data and setting ZERO.

Item No	Type	Application	ACCESSORIES in SET					Max connected devices
			USB-dongles		Cable ext.	DataMet IP67 2-button	DataMet Desktop Button	
299110504	STANDARD MDS data set	MDS 5.5 STANDARD app for Windows	1		1			3
299110506	OPTIMA MDS data set	MDS 5.5 OPTIMA app for Windows	2		2			6
299110810	PRO MDS data set	MDS 5.5 PRO app for Windows		2	2			10
299110840	PRO+ MDS data set			3	3	1		18
299110860	PRO-DESK MDS data set			8	8		1	40

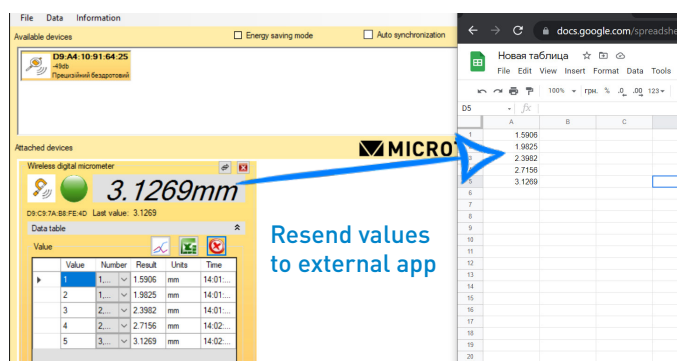


GRAPHICAL MODE

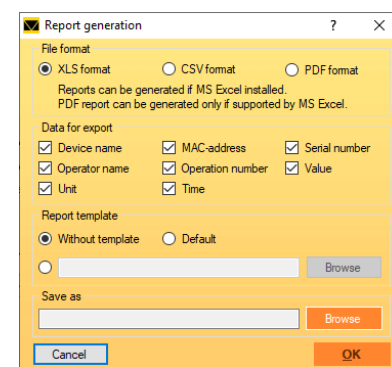
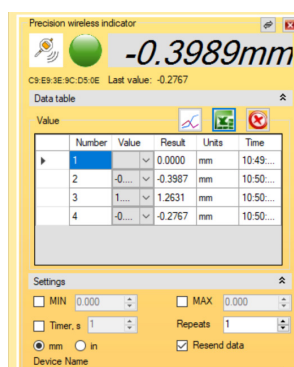


MULTILINGUAL

UP TO 48 **DATAMET** and **WIRELESS SWISSMET** INSTRUMENTS



ON-LINE RESEND DATA TO EXTERNAL APP'S



REPORT SAVING

DELIVERY SET



OPTIONAL



- USB Dongle for MICROTECH MDS app - for connection with MICROTECH instruments
- **PRO** (max 8 connect) and **STANDARD** (max 3 connect) modifications.
- Optional 1m cable extensions for longer connection distance
- Requested only for MDS app for WINDOWS (not request for MDS app for iOS, MacOS, Android or all HID modes)



299190001 299190002

Item No	Type
299190001	USB-Dongle STANDARD for Windows (max 3 connect) incl 1m cable extension
299190002	USB-Dongle PRO for Windows (max 8 connect) incl 1m cable extension



DOWNLOAD
MDS app WINDOWS



DOWNLOAD MDS APP **FREE**



VIDEO



CONNECTION
possibilities

DELIVERY SET



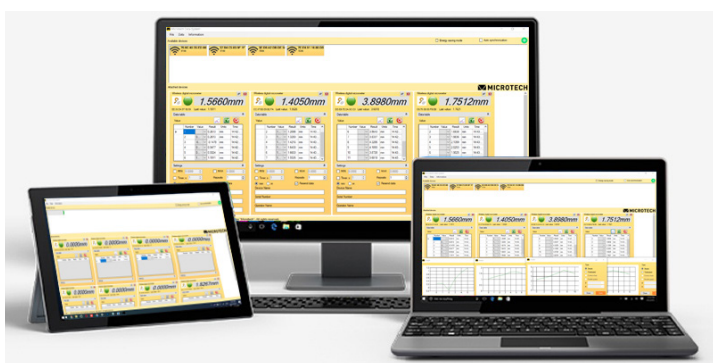
OPTIONAL



- USB Foot-Switch (1-button)
- **USB CONNECTION** with MICROTECH MDS app for WINDOWS
- **Function:** Saving data to Memory (MDS app) or ZERO setting



SAVE DATA TO MDS WINDOWS



USB DATA FOOT-SWITCH

Item No	299190000
Buttons, qty	1
CONNECTING MDS app WINDOWS	Save data in MDS app
Dimensions, mm	60x60x20
Weight, kg	0,2



DOWNLOAD
MDS app WINDOWS



DOWNLOAD MDS APP **FREE**



CONNECTION
possibilities

DELIVERY SET

USB FOOTSWITCH



OPTIONAL

USB DONGLE



USB EXTENSION CABLE



PRO VERSIONS OF MDS APP



- Multifunction **DataMet** buttons for **CONNECTION** with **DataMet** MICROTECH instruments and MICROTECH MDS app for WINDOWS
- **Function:** ZERO value and Saving data to **DataMet** instrument Memory or MICROTECH MDS app for WINDOWS
- **Modifications:** **DataMet** mobile 2-button stick or **DataMet** desktop 2-button panel
- Built-in rechargeable Li-Pol battery
- **CUSTOM FUNCTIONS FOR REQUEST**

SAVE DATA TO MEMORY
SET ZERO



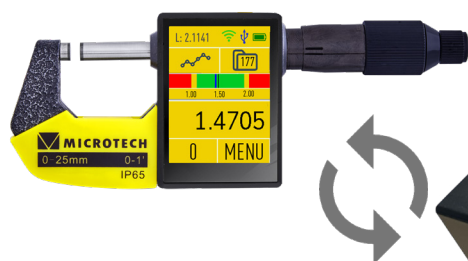
299900012

SAVE DATA TO MDS WINDOWS
SET ZERO



2 CONNECTION MODES: **DataMet** INSTRUMENTS AND MDS APP WINDOWS
2 BUTTONS: SET DATA TO MEMORY AND SET ZERO

SAVE DATA TO MEMORY
SET ZERO



299900013

SAVE DATA TO MDS WINDOWS
SET ZERO



VIDEO

DATA BUTTONS		DataMet IP67	DataMet DESKTOP
Item No		299900012	299900013
Buttons, qty		2	2
CONNECTING TO DataMet instrument	SAVE DATA	•	•
	SET ZERO	•	•
CONNECTING MDS app WINDOWS	Reading Synchronizing	•	•
	Save data in MDS app	•	•
Buttons size, mm		10	60
Water-dust Proof		IP67	IP40
LED status indication		•	•
Rechargeable Built in Li-Pol battery		500 mAh	2000 mAh
Dimensions, mm		75x50x30	186x96x53
Weight, kg		0,15	0,4

DELIVERY SET

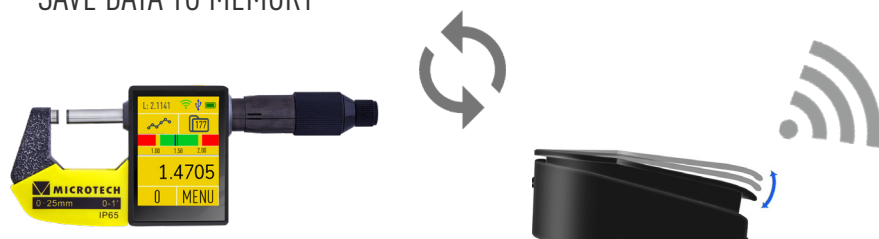


OPTIONAL



- Multifunction **DataMet** Footswitch for **CONNECTION** with **DataMet** MICROTECH instruments and MICROTECH MDS app for WINDOWS
- **Function:** ZERO value and Saving data to **DataMet** instrument Memory or MICROTECH MDS app for WINDOWS
- **Modifications:** **DataMet** 1-button or 2-button Footswitch
- Built-in rechargeable Li-Pol battery
- **CUSTOM FUNCTIONS FOR REQUEST**

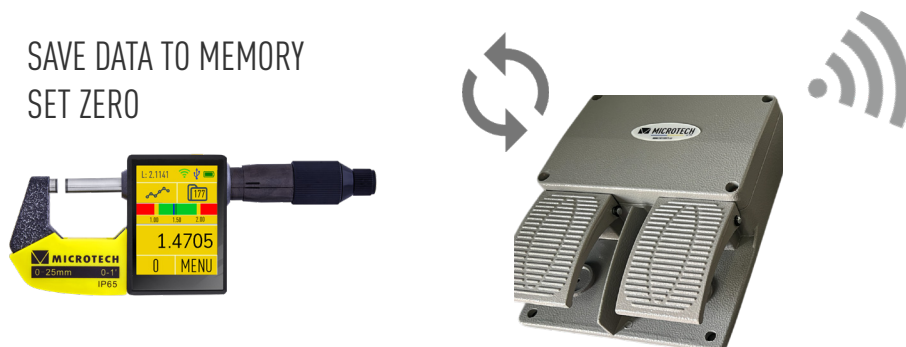
SAVE DATA TO MEMORY



SAVE DATA TO MDS WINDOWS



SAVE DATA TO MEMORY SET ZERO



SAVE DATA TO MDS WINDOWS SET ZERO



MICS DATA FOOT-SWITCH

Item No		299900021	299900022
Buttons, qty		1	2
CONNECTING TO DataMet instrument	SAVE DATA	•	•
	SET ZERO		•
CONNECTING MDS app WINDOWS	Reading Synchronizing	•	•
	Save data in MDS app	•	•
LED status indication		•	•
Rechargeable Built in Li-Pol battery		500 mAh	500 mAh
Dimensions, mm		60x60x20	120x90x40
Weight, kg		0,2	0,5



VIDEO

DELIVERY SET



OPTIONAL



MDS DESKTOP DataMet DISPLAY UNIT

INPUT-OUTPUT

29999901



SAVING DATA
TO XLS, CSV
FORMATS



SAVING
GRAPH



RJ-45

OPTIONAL DataMet DESKTOP
2-BUTTONS PANEL



MDS IP67 DataMet DISPLAY UNIT

INPUT-OUTPUT

299999003



SAVING DATA
TO XLS, CSV
FORMATS

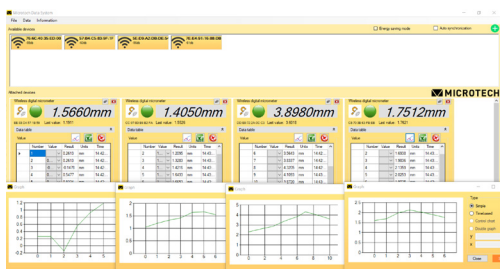


SAVING
GRAPH

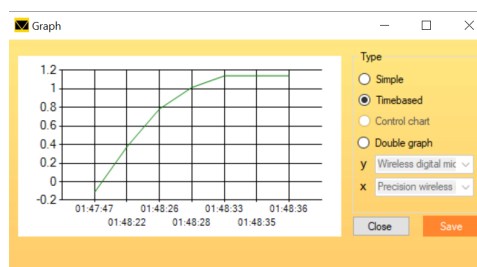


RJ-45

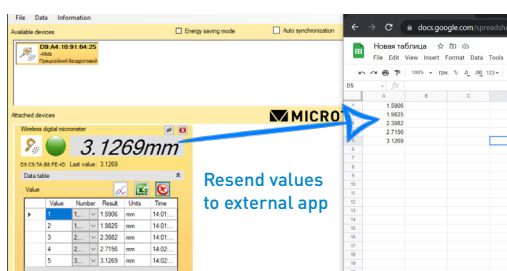
OPTIONAL DataMet IP67
2-BUTTONS STICK



UP TO 48 DataMet and WIRELESS SwissMet INSTRUMENTS



GRAPHICAL MODE



ON-LINE RESEND DATA TO EXTERNAL APP'S

Precision wireless indicator

-0.3989mm

CR 6333 SC 05.06 Last value: -0.2767

Value	Number	Value	Result	Units	Time
1	0	0.0000	mm	10.49	
2	0	-0.3987	mm	10.50	
3	1	1.2631	mm	10.50	
4	0	-0.2767	mm	10.50	

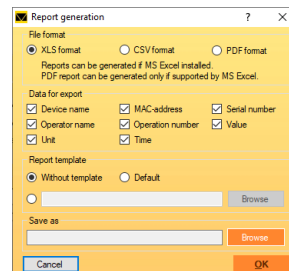
Settings

MIN: 0.000 MAX: 0.000

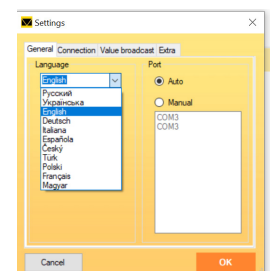
Timer: 1 Repeats: 1

ms in Device name

Resend data



REPORT SAVING



MULTILINGUE

- MDS **DataMet** Display units - ready Data collecting solution from the box (no PC, Tablet requested)
- MDS **DataMet** Display unit set including Windows Tablet PC (Touchscreen Display 10" or 11.6") with MDS **PRO** app, USB dongle **PRO**
- **CONNECTION** with MICROTECH instruments (collecting Data, zero data, graphical, multiformat export)
- Autoconnection, Data reading synchronizing, connection modes.
- On-line Export data to external programs (to Excel, SAP, Solidworks, etc). Data Format adjustable (dot/comma, symbols)
- Data Export (csv, pdf, xls formats) and Graphical/2D Graphical mode (saving in png format)
- Optional **DataMet** Buttons, Footswitch for collecting Data and setting ZERO.

Type		IP67	DESKTOP
Item No		299999003	299999001
Touchscreen Display		10" (1280x800)	11.6" (1920x1080)
Protection		IP67	
Platform		Windows 10 / MDS 5.5 PRO	
INPUT CONNECTION	USB-DONGLES	1 (max 2)	1 (max 8)*
	WIRELESS	8 (max16)	8 (max 32)
	WIRELESS HID	8	8
	USB HID	2	4 (max64)*
DATA OUTPUT & EXPORT	WI-FI	•	•
	USB port	2+1	4
	RJ-45	•	•
	RS-232	1	3
	RS-485		1
	Cardreader	•	•
	HDMI	•	•
FUNCTIONS	Autoconnection	•	•
	Reading Synchronizing	•	•
	User manager	•	•
	Foot-Switch connection	•	•
	mm/inch conversion	•	•
	Go/NoGo functions	•	•
	Graphical mode	•	•
	2D-Graphical mode	•	•
	Timer	•	•
	Resolution selection	•	•
	Resend to external app's	•	•
	Save data to csv, xls, pdf	•	•
	Save graph png	•	•
	*xls. *csv, *doc file editor	•	•
	App's installation	•	•
	Multilanguage	10 languages	
	USB-DONGLES	1 (optional 8)	
ACCESSORIES	USB-Footswitch	option	option
	Wireless-Footswitch	option	option
	Rechargeable Built in Li-Pol battery	8000mAh	-
Dimensions, mm		280×184×26	283 x 177 x 73
Weight, kg		1,15	1,25

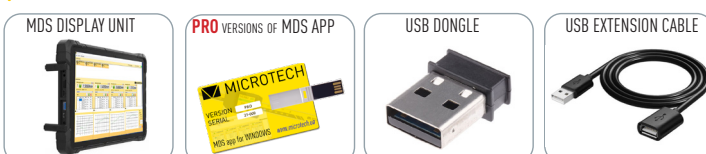


VIDEO



CONNECTION possibilities

DELIVERY SET



OPTIONAL



- USB HID (1-button) data cable (2m length) for CERTIMET Digital calipers and indicators
- **Function:** Transfer data in HID mode (keyboard) direct to customers app's

INPUT



OUTPUT

DIRECT TO EXCEL OR
ANY OTHER APP



Item No	Type	Data button	Length, m	Devices
141083000	USB HID DATA CABLE DIRECT DATA TRANSFER, LIKE A KEYBOARD	+	2	CERTIMET Digital calipers IP54
				CERTIMET Digital indicators IP54

- **S_connection** data cable (3m lenght) for **SwissMet** digital instruments
- **Function:** Transfer data to Sylcom, VMax2 app's
- **Free** version of app's (for 1 connection)



Sylcom



Vmux2

Item No	Type	Length, m	Devices
149266821	DATATRANSFER TO APP	3	SwissMet Digital instruments

- USB data cable (2m length) for DATA^{MET} MICROTECH instruments
- **Function:** Charging and Transfer data in HID mode (keyboard) from DATA^{MET} MICROTECH instruments direct to customers app's



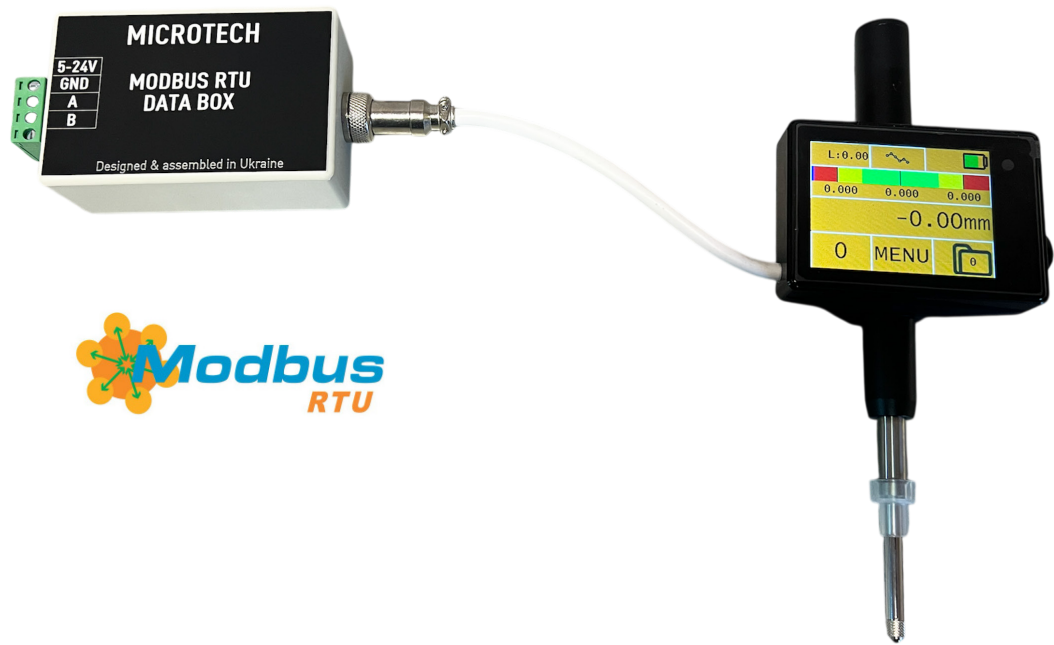
OUTPUT

DIRECT TO EXCEL OR
ANY OTHER APP



Item No	Type	Length, m	Devices
141077012	USB CHARGE+DATA TRANSFER CABLE	2	DATA ^{MET} instruments (MicroUSB)
141077022			
141077025		5	DATA ^{MET} instruments (USB-C)

- MODBUS RTU databox for connection with MICROTECH DataMet instruments
- MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request



Item No	Type	Devices
141077071	Modbus RTU data box	DataMet MICROTECH instruments (USB-C)
141077072	Modbus ASCII data box	
141077073	Modbus TCP/IP data box	



VIDEO

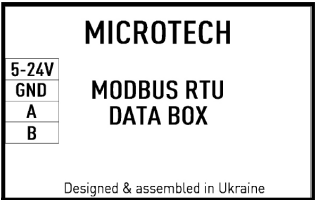
WORKING CONDITIONS	
Working temperature °C	5-40°
Humidity	70%
Water protection	IP40
Dimensions, mm	53x82x31
Weight, kg	0,15

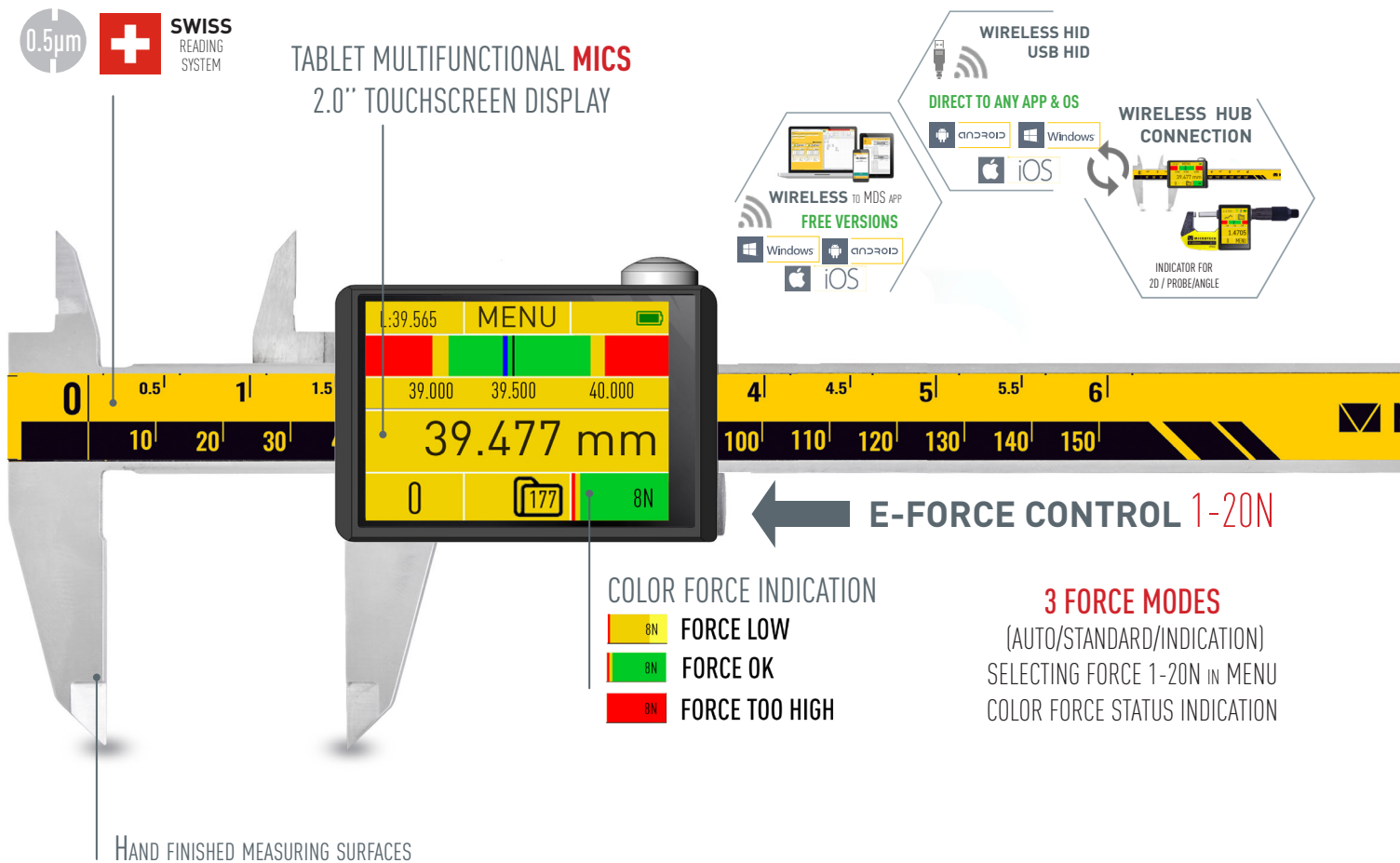


MODBUS protocol

GENERAL INFORMATION

- Protocol: Modbus RTU
- Baud rate: 9600 bps (configurable)
- Data bits: 8
- Stop bits: 1
- Parity: None





DATAmet FUNCTIONS



- Industry 4.0 adopted **DataMet** E-Force caliper with computerized **MICS** system with hi-res 2.0" color Touchscreen
- Patents US10184772, UA174949, UA126928
- **SWISS made reading system** resolution **0,5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- **USB** data transfer: **USB** HID, **USB** HID+MAC (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **Rechargeable** Li-Pol battery (500mAh) with USB-C data/charging socket
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update	
	mm	inch	mm	µm	N	mm																				
141088015A	0-150	0-6"	0,0005	±5	1-20	40/16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1000 val	●	●	●	●	
141088020A	0-200	0-8"		±8		50/17	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
141088030A	0-300	0-12"		±10		60/20	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



DataMet
interface

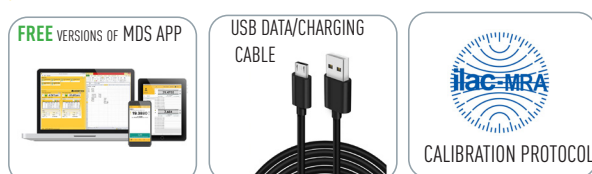


CONNECTION
possibilities

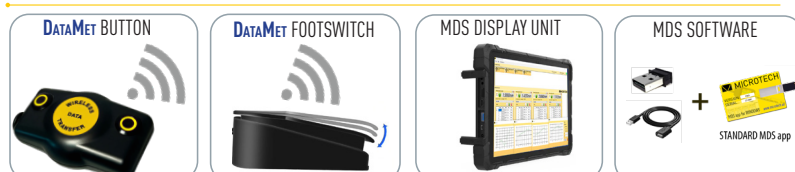


VIDEO

DELIVERY SET



OPTIONAL



DOWNLOAD
MDS app WINDOWS



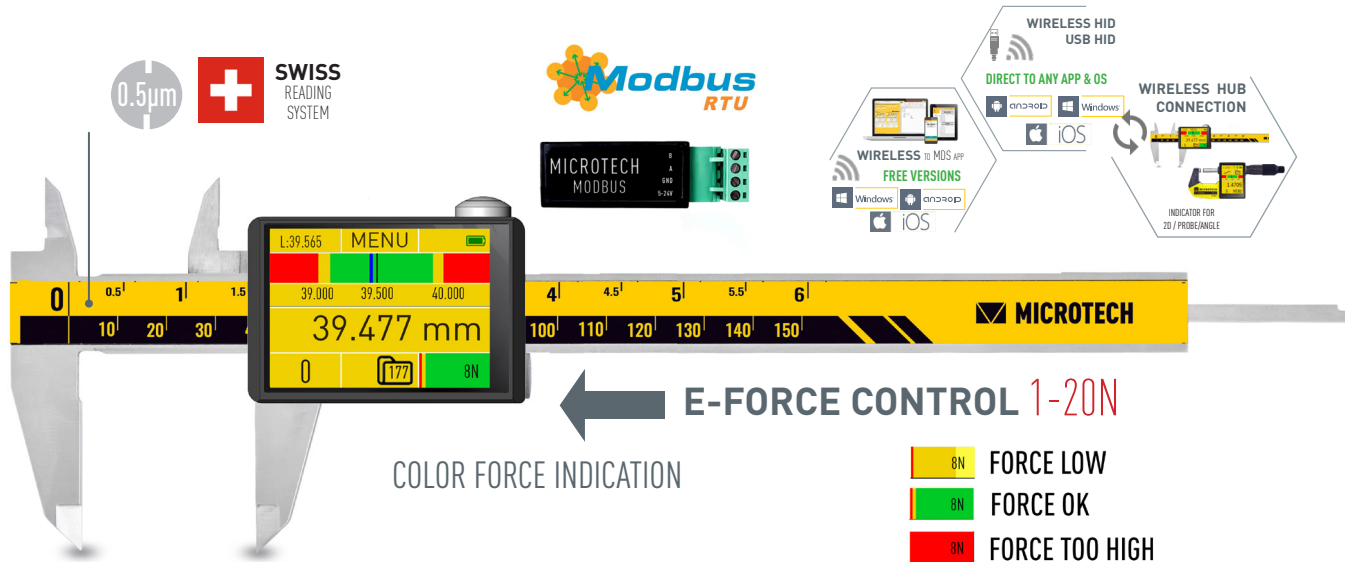
DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



- Industry 4.0 adopted E-Force caliper with computerized **MICS** system with 2.0" color Touchscreen (Patents US10184772,UA174949,UA126928)
- **SWISS made reading system** resolution **0,5micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager**: 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

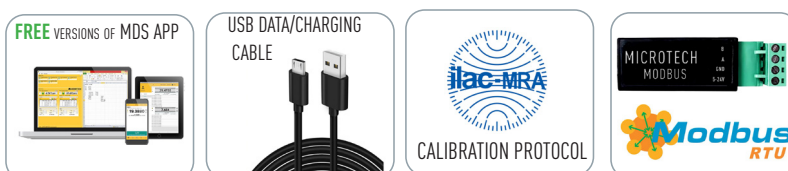


Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP	
	mm	inch	mm	µm	N	mm																							
141088015M	0-150	0-6"	0,0005	±5	1-20	40/16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1000 val	●	●	●	●	●	option	option	
141088020M	0-200	0-8"		±8		50/17	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●			●
141088030M	0-300	0-12"		±10		60/20	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●			●

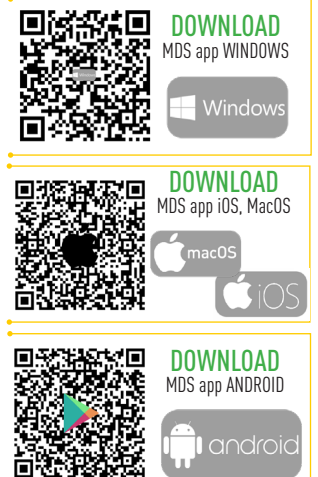
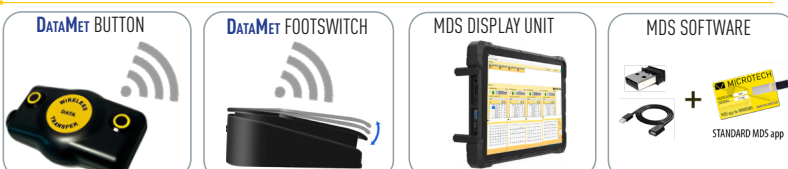
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



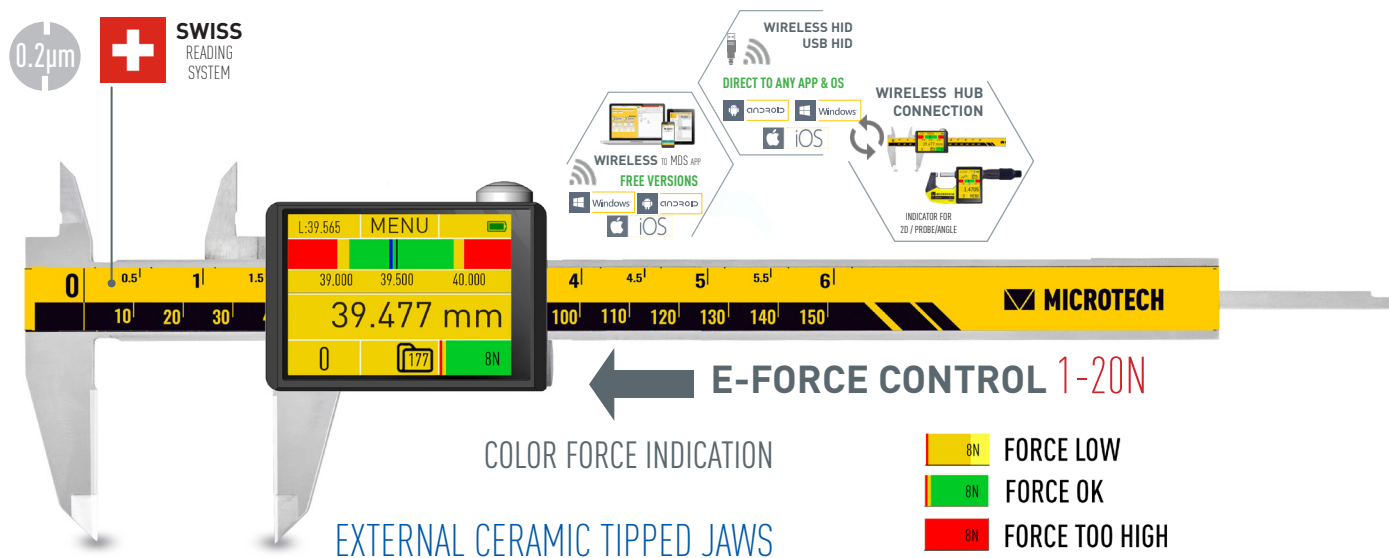
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted E-Force caliper with computerized **MICS** system with 2.0" color Touchscreen (Patents US10184772, UA174949, UA126928)
- **LAB** caliper with **SWISS made reading system** Min resolution **0,2micron** (0,0002/0,001/0,01/0,1mm selection)
- **External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force control module** with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **Calibration certificate** included (ISO17025 (Ilac MRA))

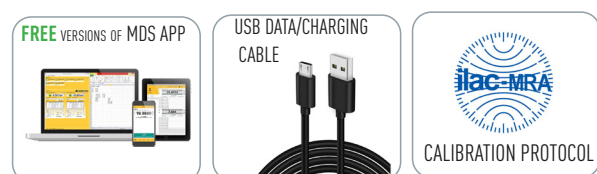


Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update	
	mm	inch	mm	µm	N	mm																				
141088015AK	0-150	0-6"	0,0002	±4	1-20	40/16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1000 val	●	●	●	●	
141088020AK	0-200	0-8"		±6		50/17	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
141088030AK	0-300	0-12"		±8		60/20	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●

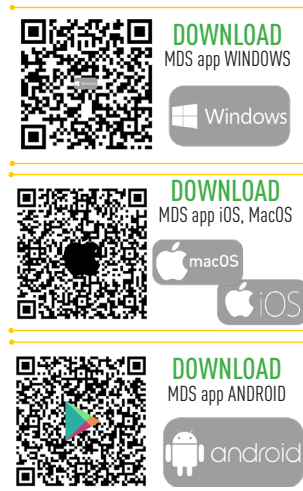
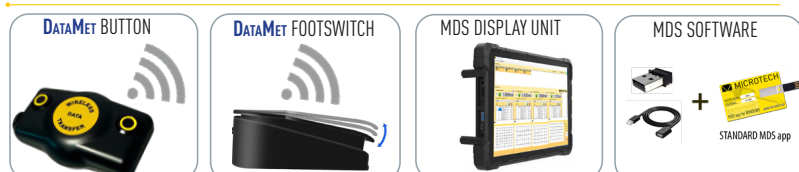
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



DELIVERY SET



OPTIONAL





TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY



E-FORCE CONTROL 1-20N

COLOR FORCE INDICATION

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

3 FORCE MODES

(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES



UPPER AND LOWER CARBIDE JAWS

DATA MET FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
TIMER	Formula	Display	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

- Industry 4.0 adopted **DataMet** E-Force caliper with computerized **MICS** system with hi-res 1.54" color Touchscreen
- Patents US10184772, UA174949, UA126928
- Reading system resolution **5 micron** (0,005/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 1000 values,, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- USB data transfer: **USB HID**, **USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **Rechargeable** Li-Pol battery (300mAh) with USB-C data/charging socket
- **MODIFICATION** with Upper and Lower carbide jaws
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet E-FORCE CALIPER

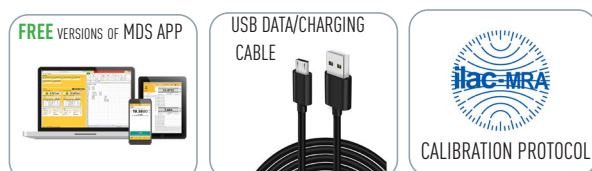
Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm														
141077015A	0-150	0-6"	0,005	±10	1-20	40/16	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141077020A	0-200	0-8"		±10		50/17	•	•	•	•	•	•	•	•	•	•		•	•	•
141077030A	0-300	0-12"		±15		60/20	•	•	•	•	•	•	•	•	•	•		•	•	•

CARBIDE DataMet E-FORCE CALIPER

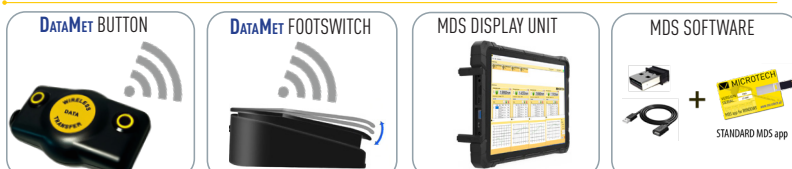
Item No	Range		Reso- lution	Accu- racy*	eForce	Jaws	CARBIDE	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm															
141077015C	0-150	0-6"	0,005	±10	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141077020C	0-200	0-8"		±10		50/17	•	•	•	•	•	•	•	•	•	•	•		•	•	•
141077030C	0-300	0-12"		±15		60/20	•	•	•	•	•	•	•	•	•	•	•		•	•	•



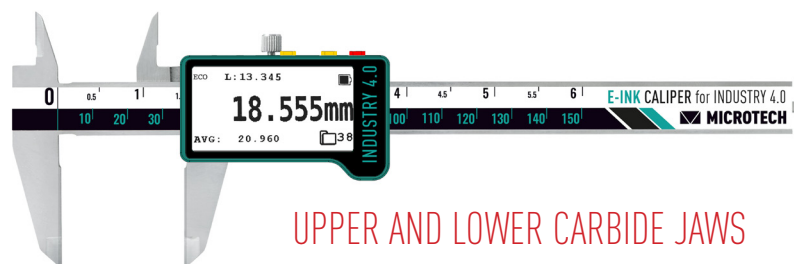
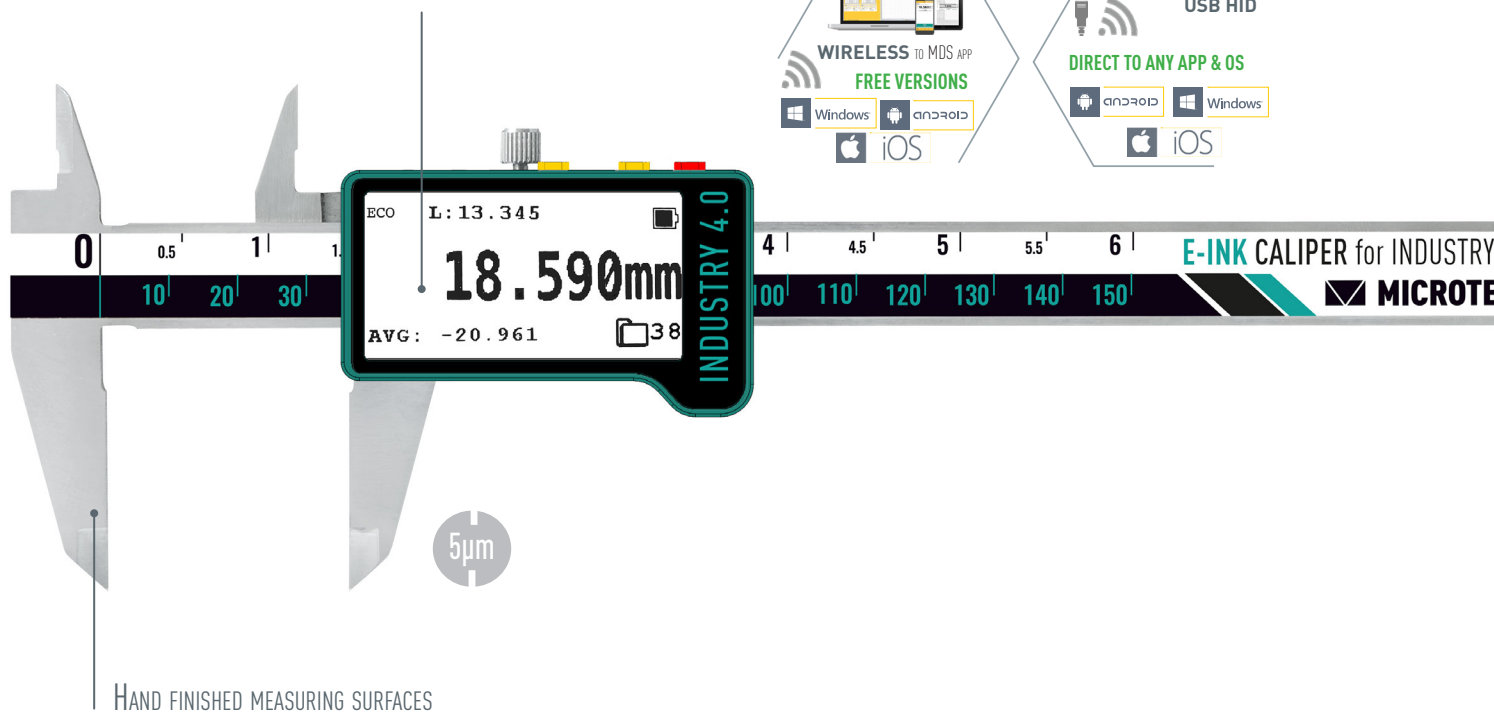
DELIVERY SET



OPTIONAL



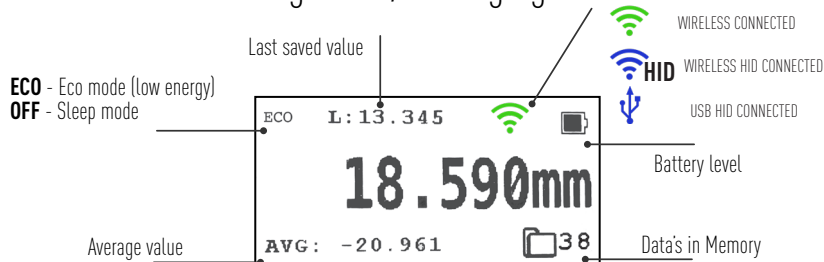
ENERGY EFFICIENCY E-INK DISPLAY 2.13"



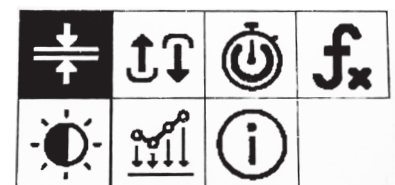
DATA MET E-INK FUNCTIONS

ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS

Stat	All
1: 0.050	4: 29.245
2: 7.320	5: 37.680
3: 20.440	NEXT PREV

- Industry 4.0 adopted **E-ink** caliper with computerized MICS system
- Patents US10184772, UA174949, UA126928
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- Reading system resolution **5 micron** (0,005/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- USB data transfer: **USB HID**, **USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION** with Upper and Lower carbide jaws
- **Rechargeable** Li-Pol battery (400mAh) with USB-C data/charging socket
- **Calibration** certificate included (ISO17025 (Ilac MRA))

E-INK CALIPER

Item No	Range		Reso- lution	Accu- racy*	Jaws	Round rod	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	mm													
141093015B	0-150	0-6"	0,005	±15	40/16		•	•	•	•	•	•	•	•	1000 val	•	•	•
141093015R						•	•	•	•	•	•	•	•	•		•	•	•
141093020B	0-200	0-8"		±20	50/17		•	•	•	•	•	•	•	•		•	•	•
141093030B	0-300	0-12"			60/20		•	•	•	•	•	•	•	•		•	•	•

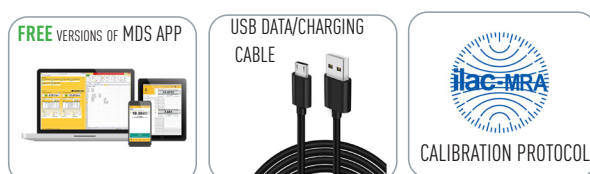


CARBIDE E-INK CALIPER

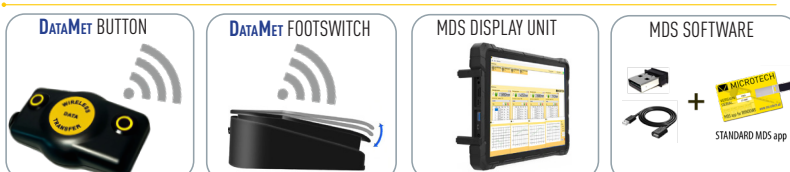
Item No	Range		Reso- lution	Accu- racy*	Jaws	Carbide jaws	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	mm													
141093015C	0-150	0-6"	0,005	±15	40/16	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141093020C	0-200	0-8"			50/17	•	•	•	•	•	•	•	•	•		•	•	•
141093030C	0-300	0-12"		±20	60/20	•	•	•	•	•	•	•	•	•		•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

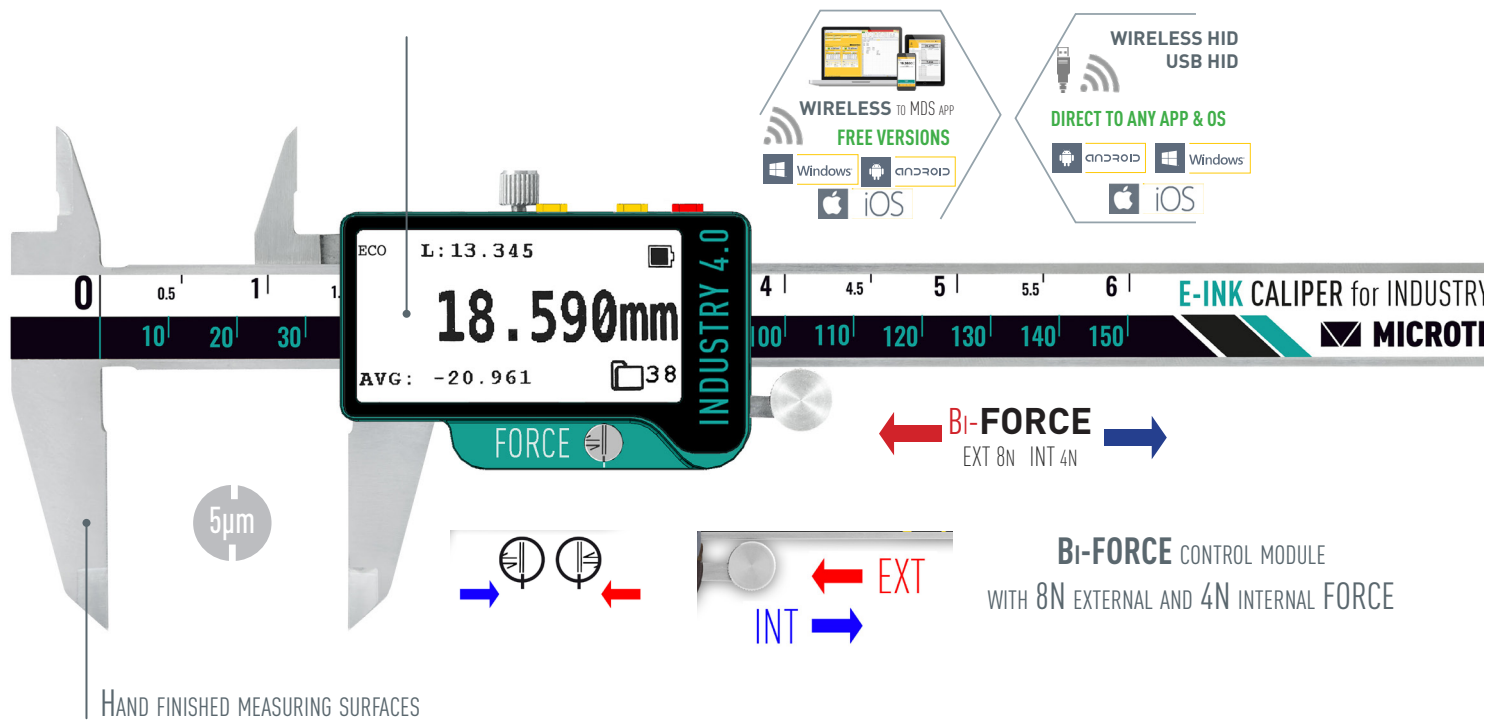
DELIVERY SET



OPTIONAL



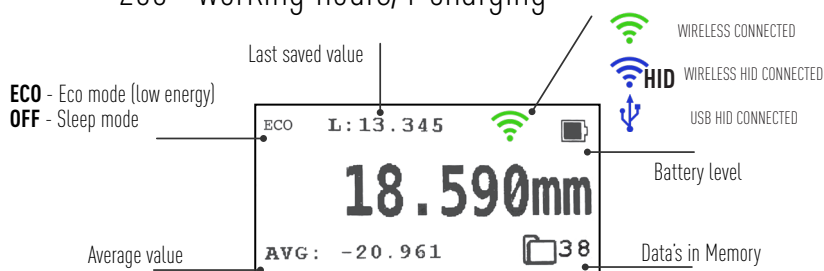
ENERGY EFFICIENCY E-INK DISPLAY 2.13"



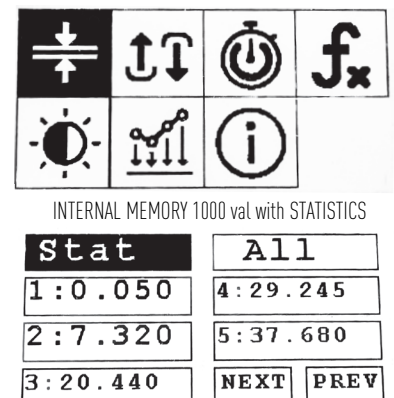
DATA MET E-INK FUNCTIONS

ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



MULTIFUNCTIONAL MENU



- Industry 4.0 adopted Bi-Force E-ink caliper with computerized MICS system
- Patents US10184772, UA174949, UA126928
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- Bi-Force control module with 8N external and 4N internal FORCE
- Reading system resolution **5 micron** (0,005/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS** HID, **WIRELESS** HID+MAC (like keyboard to any app)
- USB data transfer: **USB HID**, **USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION** with Upper and Lower carbide jaws
- **Rechargeable** Li-Pol battery (400mAh) with USB-C data/charging socket
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Round rod	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID	
	mm	inch																		mm
141093015F	0-150	0-6"	0,005	±10	8 / 4	40/16		•	•	•	•	•	•	•	•	1000 val	•	•	•	
141093015FR							•	•	•	•	•	•	•	•	•		•	•	•	
141093020F	0-200	0-8"		±15		50/17		•	•	•	•	•	•	•	•		•	•	•	
141093030F	0-300	0-12"				60/20		•	•	•	•	•	•	•	•		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



E-ink interface

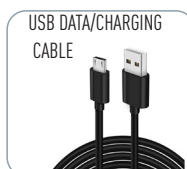


CONNECTION possibilities



VIDEO

DELIVERY SET



OPTIONAL



DOWNLOAD
MDS app WINDOWS

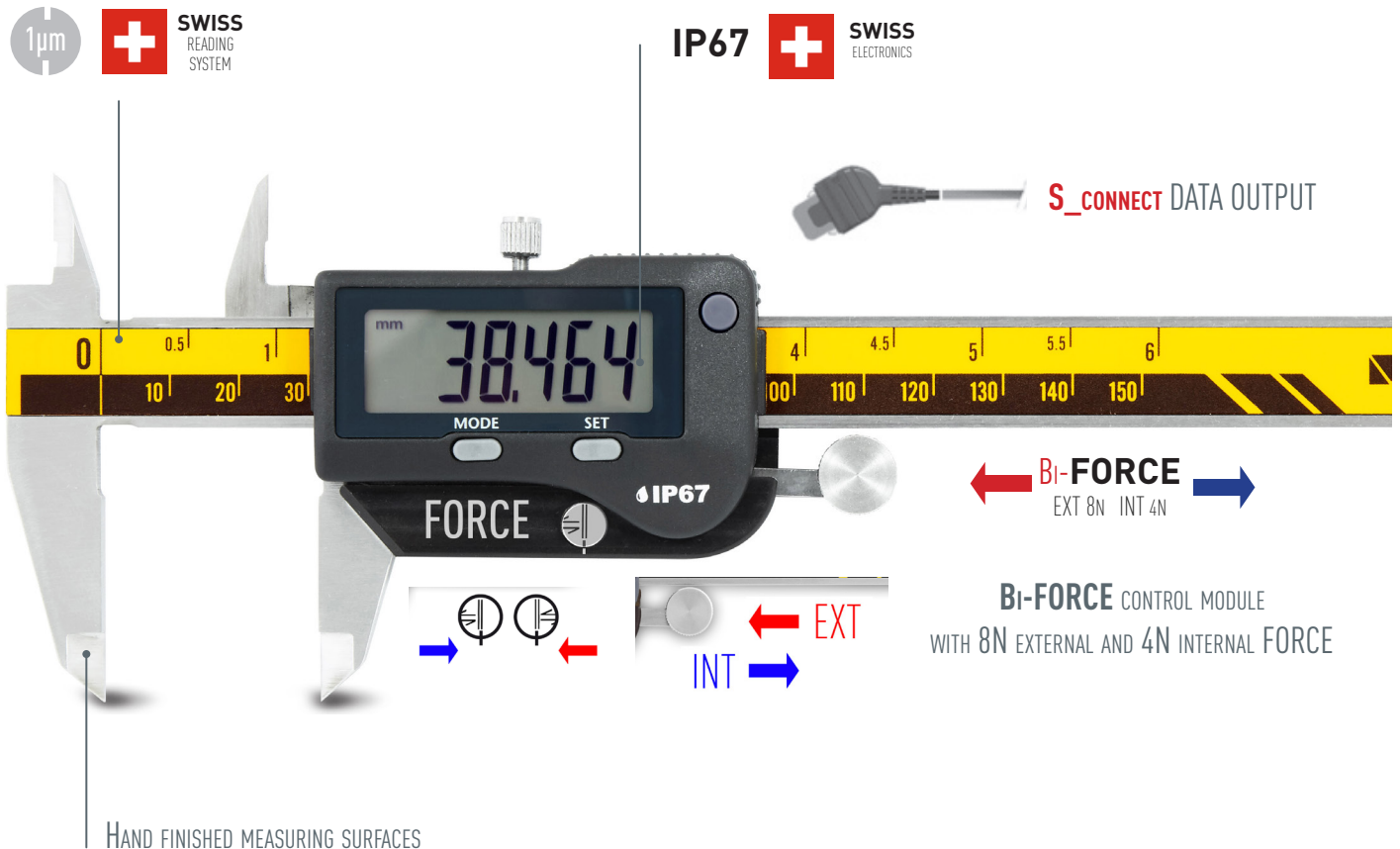


DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID





SWISSMET IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	Hold HOLD
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
S_connect data output		Big display - 12mm Digit



- **MICRON SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 5\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **S_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON SWISSMET IP67 BI-FORCE CALIPER

Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm	N	mm					
141079122	0-150	0-6"	0,001	± 5	8 ext	40/16	IP-67	•	•	•	•
141079222	0-200	0-8"		± 8		50/17		•	•	•	•
141079322	0-300	0-12"		± 10	4 int	60/20		•	•	•	•

CERAMIC MICRON SWISSMET IP67 BI-FORCE CALIPER

Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm	N	mm					
141079122K	0-150	0-6"	0,001	± 5	8 ext	40/16	IP-67	•	•	•	•
141079222K	0-200	0-8"		± 8		50/17		•	•	•	•
141079322K	0-300	0-12"		± 10	4 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

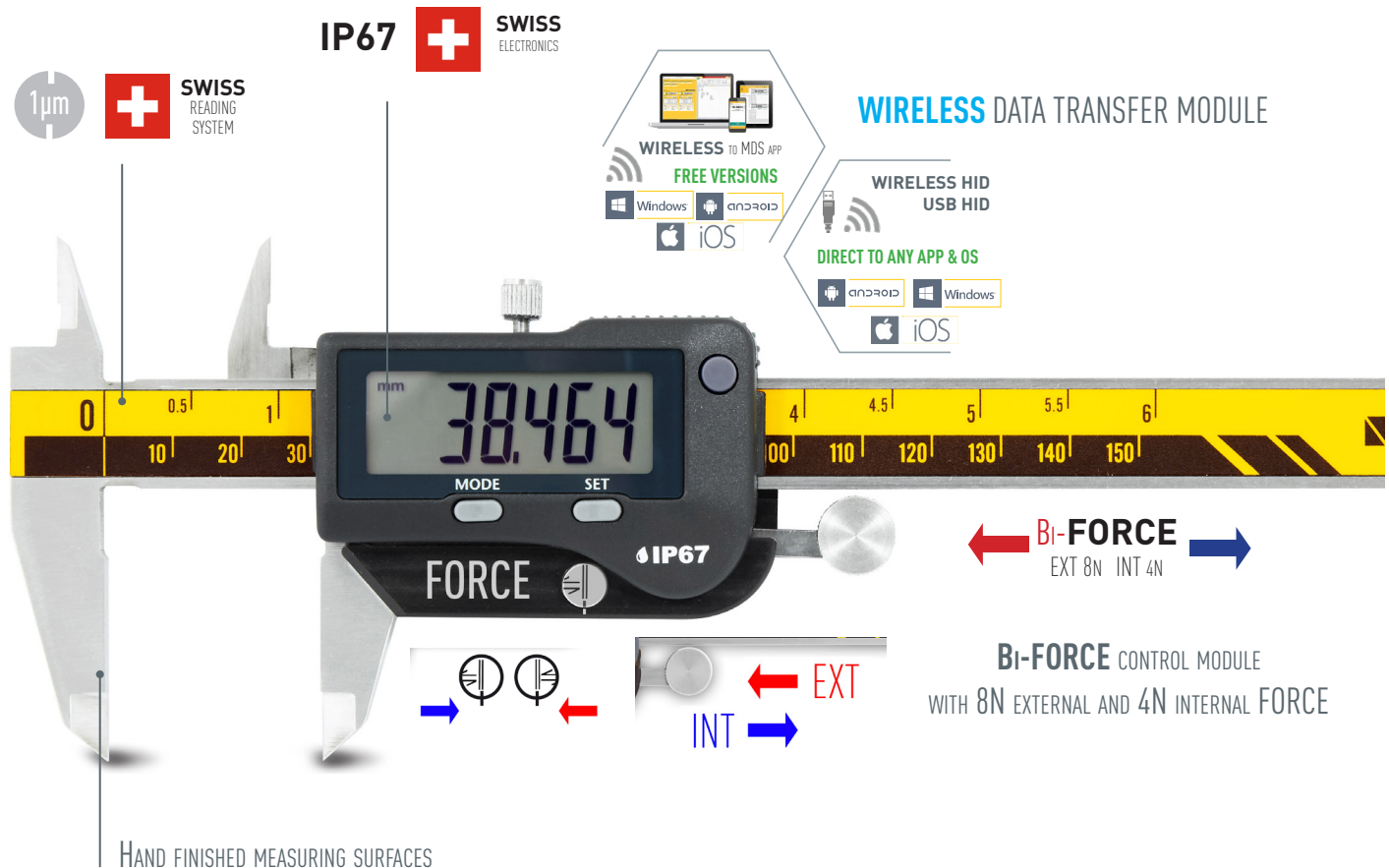
DELIVERY SET



OPTIONAL

SWISSMET DATA CABLE





WIRELESS SWISSMET IP67 FUNCTIONS

PRE	Unit	23.45
PRESET	mm/inch	Big display - 12mm Digit
SLEEP (SIS)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	HID MAC 
WIRELESS MDS app	WIRELESS HID	WIRELESS HID+MAC



- **MICRON WIRELESS SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 5\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch									
141079192	0-150	0-6"	0,001	± 5	8 ext	40/16	IP-67	•	•	•	•
141079292	0-200	0-8"		± 8		50/17		•	•	•	•
141079392	0-300	0-12"		± 10	4 int	60/20		•	•	•	•

CERAMIC MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch									
141079192K	0-150	0-6"	0,001	± 5	8 ext	40/16	IP-67	•	•	•	•
141079292K	0-200	0-8"		± 8		50/17		•	•	•	•
141079392K	0-300	0-12"		± 10	4 int	60/20		•	•	•	•

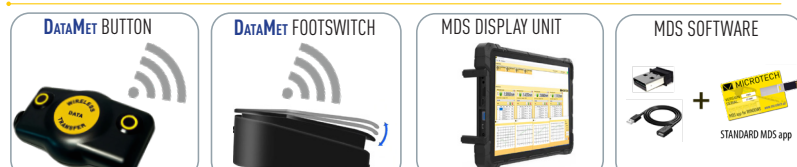
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

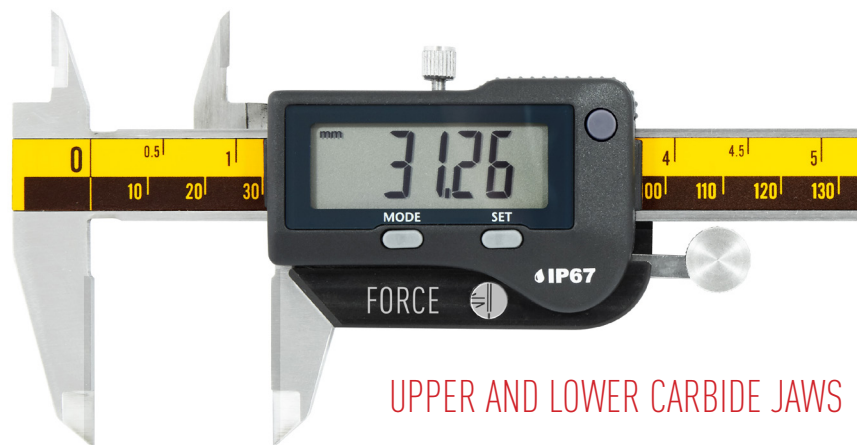
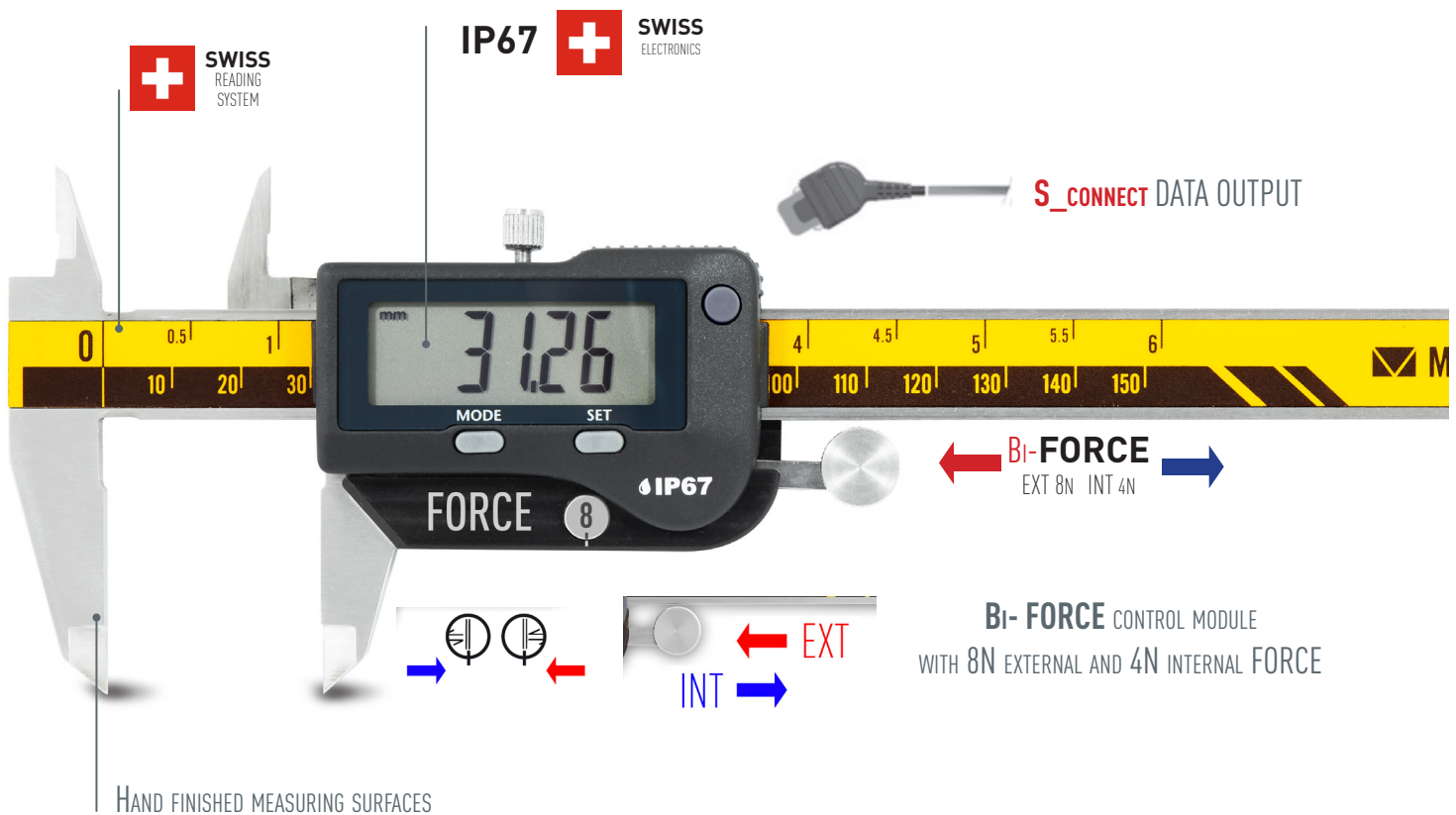


DELIVERY SET



OPTIONAL





SWISSMET IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	Hold HOLD
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
S_connect data output		Big display - 12mm Digit



VIDEO



SwissMet
interface



CONNECTION
possibilities

- **SwissMet IP67 Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 10\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **S_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch									
141078122	0-150	0-6"	0,01	± 10	8 ext	40/16	IP-67	•	•	•	•
141078222	0-200	0-8"		± 10		50/17		•	•	•	•
141078322	0-300	0-12"		± 20	4 int	60/20		•	•	•	•

CARBIDE SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch									
141078122C	0-150	0-6"	0,01	± 10	8 ext	40/16	IP-67	•	•	•	•
141078222C	0-200	0-8"		± 10		50/17		•	•	•	•
141078322C	0-300	0-12"		± 20	4 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

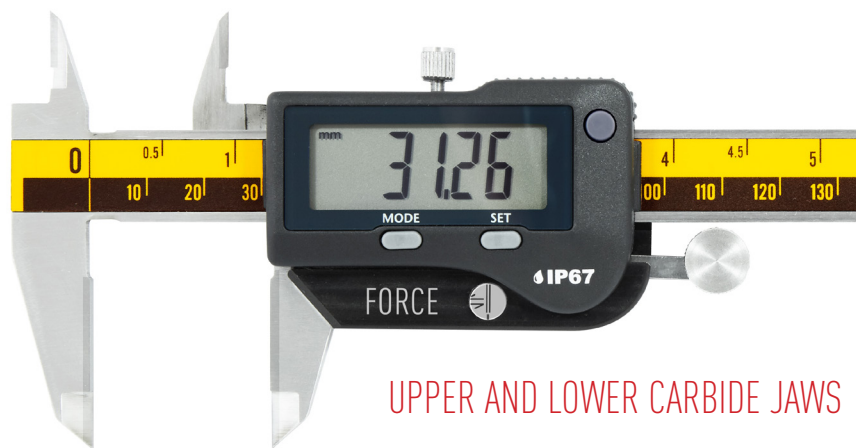
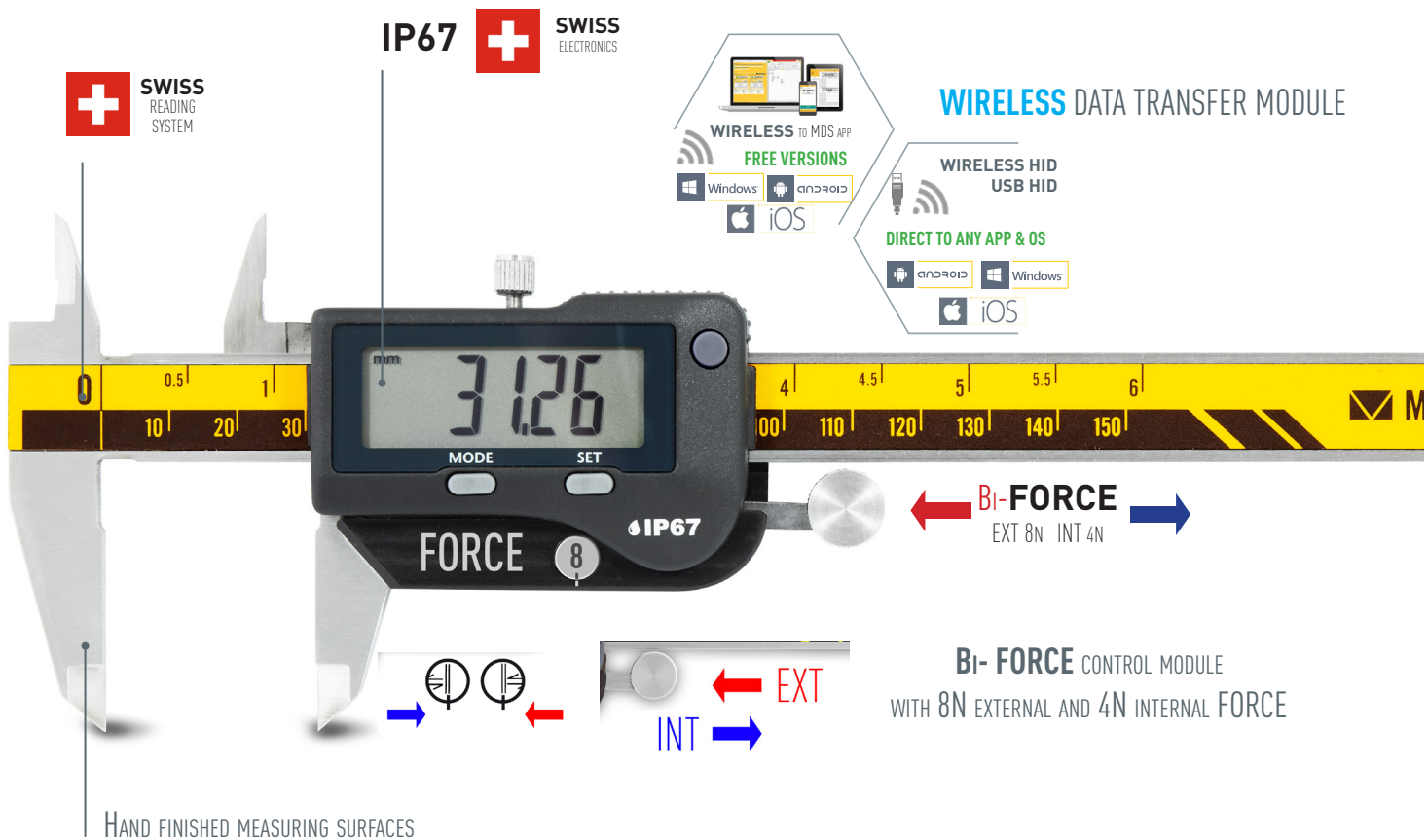
DELIVERY SET



OPTIONAL

SwissMet DATA CABLE





WIRELESS SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	23.45 Big display - 12mm Digit
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
MDS APP WIRELESS MDS app	HID WIRELESS HID	HID MAC WIRELESS HID+MAC



VIDEO



SwissMet interface



CONNECTION possibilities

- **WIRELESS SwissMet IP67 Bi-FORCE** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 10\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate $>10/\text{s}$
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32\mu\text{m}$)
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch									
141078192	0-150	0-6"	0,01	± 10	8 ext	40/16	IP-67	•	•	•	•
141078292	0-200	0-8"		± 10	4 int	50/17		•	•	•	•
141078392	0-300	0-12"		± 20		60/20		•	•	•	•

CARBIDE WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch									
141078192C	0-150	0-6"	0,01	± 10	8 ext	40/16	IP-67	•	•	•	•
141078292C	0-200	0-8"		± 10	4 int	50/17		•	•	•	•
141078392C	0-300	0-12"		± 20		60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



DOWNLOAD
MDS app WINDOWS



DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



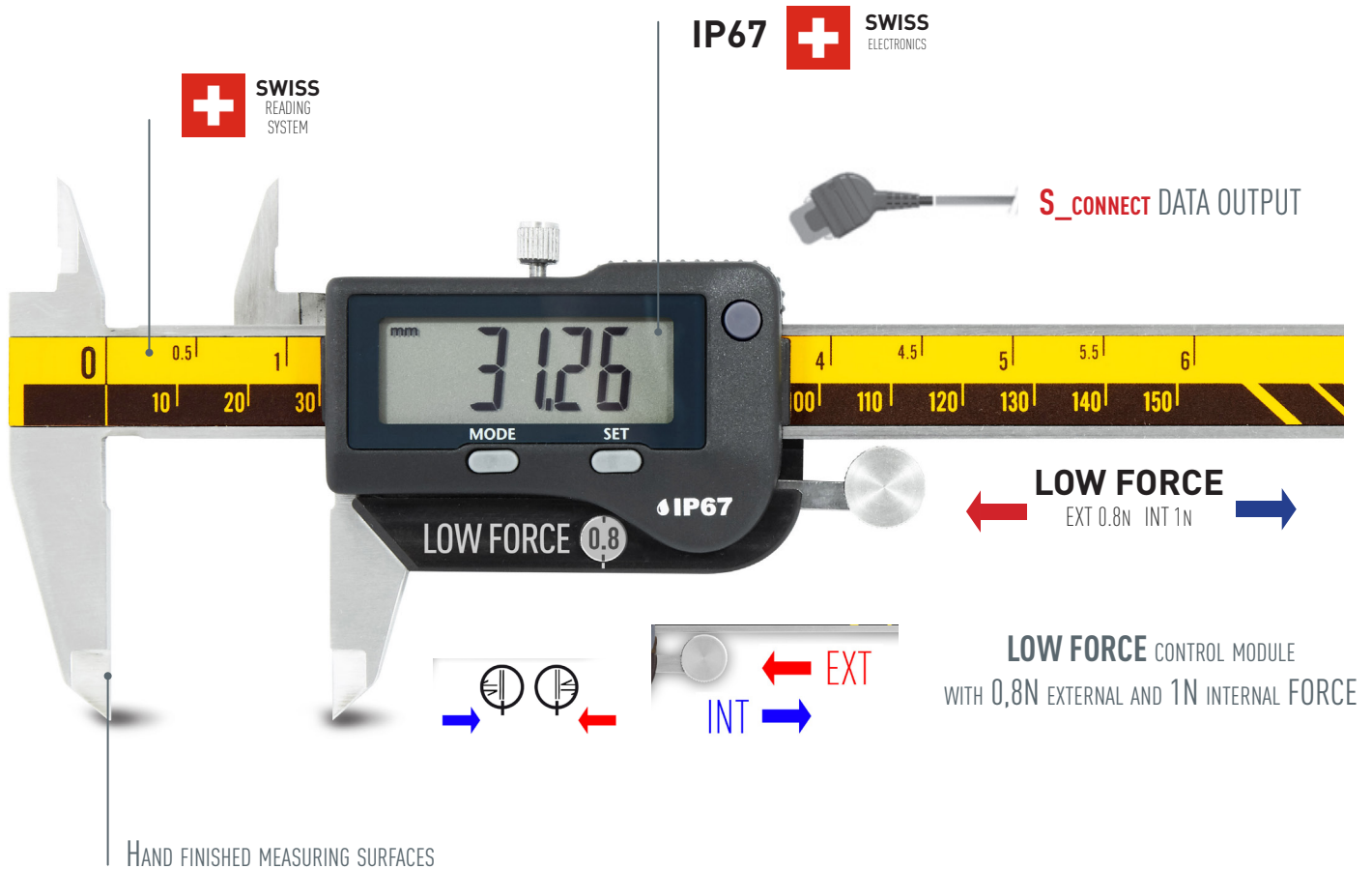
DELIVERY SET

FREE VERSIONS OF MDS APP



OPTIONAL





FOR SOFT MATERIALS



SWISSMET IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	Hold HOLD
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
	Big display - 12mm Digit 23.45	

S_connect data output



- **SwissMet IP67 LOW Force** digital caliper with 0.8N external and 1N internal FORCE for SOFT materials (Patents US10429165)
- Accuracy up to $\pm 12\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate $>10/\text{s}$
- **S_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant (equipped with **MICRON** electronics)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 Low-FORCE CALIPER

Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm	N	mm					
141077153	0-150	0-6"	0,01	± 30	0,8 ext	40/16	IP-67	•	•	•	•
141077253	0-200	0-8"		± 30		50/17		•	•	•	•
141077353	0-300	0-12"		± 40	1 int	60/20		•	•	•	•

CERAMIC MICRON SwissMet IP67 Low-FORCE CALIPER

Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm	N	mm					
141079153K	0-150	0-6"	0,001	± 12	0,8 ext	40/16	IP-67	•	•	•	•
141079253K	0-200	0-8"		± 15		50/17		•	•	•	•
141079353K	0-300	0-12"		± 20	1 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

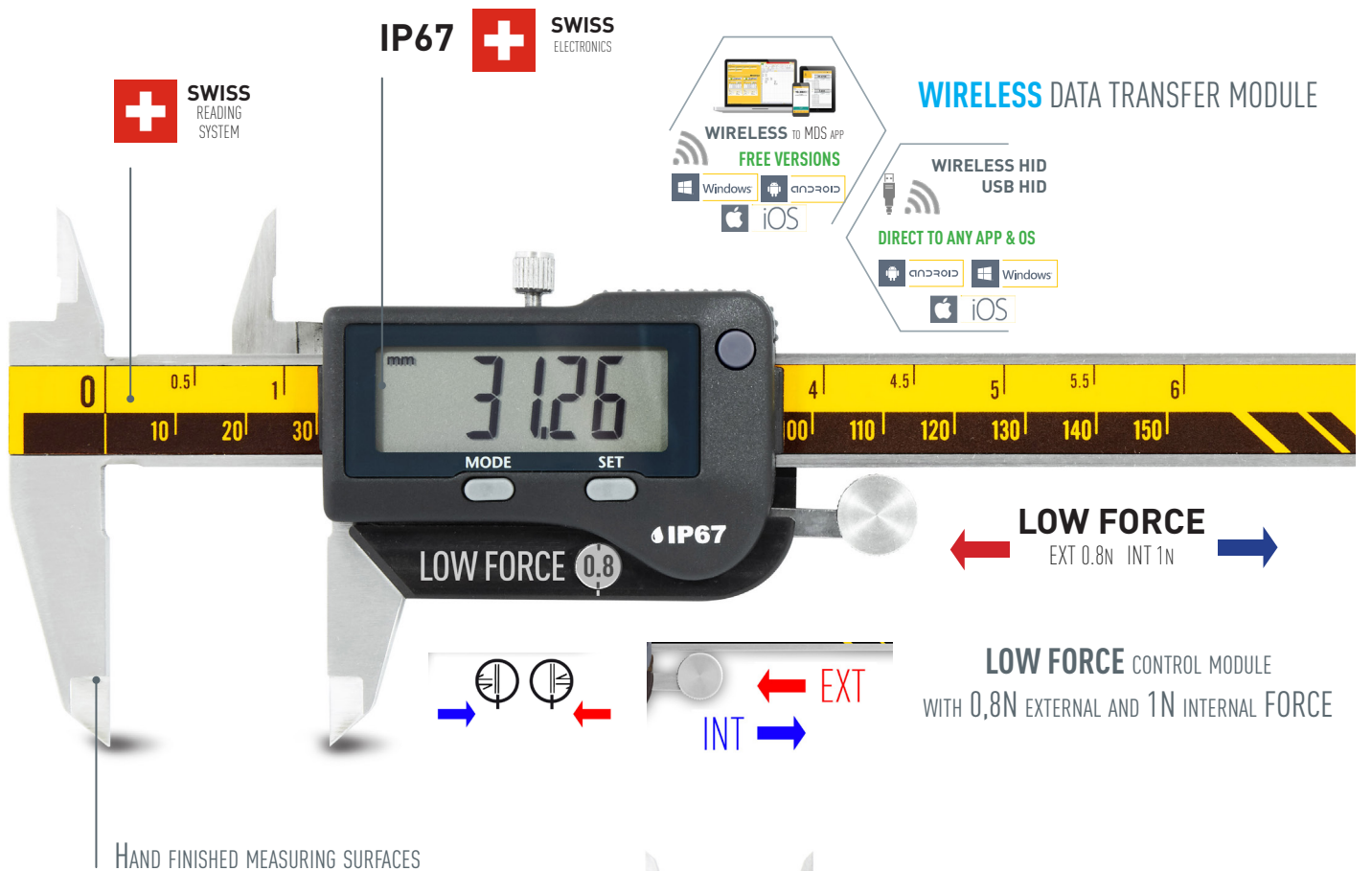
DELIVERY SET



OPTIONAL

SwissMet DATA CABLE





FOR SOFT MATERIALS



WIRELESS SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	23.45 Big display - 12mm Digit
SLEEP (sis) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS
MDS APP WIRELESS MDS app	HID WIRELESS HID	HID MAC WIRELESS HID+MAC



VIDEO



SwissMet interface



CONNECTION possibilities

- **WIRELESS SwissMet IP67 LOW Force** digital caliper with 0.8N external and 1N internal FORCE for SOFT materials (Patents US10429165)
- Accuracy up to $\pm 12\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate $>10/\text{s}$
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32\mu\text{m}$)
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant (equipped with **MICRON** electronics)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS SWISSMET IP67 Low-FORCE CALIPER

Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	N	mm					
141077193	0-150	0-6"	0,01	± 30	0,8 ext	40/16	IP-67	•	•	•	•
141077293	0-200	0-8"		± 30		50/17		•	•	•	•
141077393	0-300	0-12"		± 40	1 int	60/20		•	•	•	•

CERAMIC MICRON WIRELESS SWISSMET IP67 Low-FORCE CALIPER

Item No	Range		Reso- lution	Accu- racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	N	mm					
141079193K	0-150	0-6"	0,001	± 12	0,8 ext	40/16	IP-67	•	•	•	•
141079293K	0-200	0-8"		± 15		50/17		•	•	•	•
141079393K	0-300	0-12"		± 20	1 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1



DELIVERY SET



OPTIONAL





SWISS
READING
SYSTEM

IP67



SWISS
ELECTRONICS



S_connect DATA OUTPUT



HAND FINISHED MEASURING SURFACES



EXTERNAL CERAMIC TIPPED JAWS

SWISSMet IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67



SWISS
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics



S_connect data output

Big display - 12mm Digit

23.45



VIDEO



SwissMet
interface



CONNECTION
possibilities



- **MICRON SwissMet IP67** digital caliper
- Accuracy up to $\pm 15\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **S_connect** data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION** with Upper and Lower carbide jaws
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON SWISSMET IP67

DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm							
141073122	0-150	0-6"	0,001	± 15	40/16	IP-67		•	•	•	•
141073122R				± 15	50/17		•	•	•	•	•
141073222	0-200	0-8"		± 15	50/17			•	•	•	•
141073322	0-300	0-12"		± 20	60/20			•	•	•	•

CERAMIC MICRON SWISSMET IP67

DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm						
141073122K	0-150	0-6"	0,001	± 15	40/16	IP-67	•	•	•	•
141073222K	0-200	0-8"		± 15	50/17		•	•	•	•
141073322K	0-300	0-12"		± 20	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DELIVERY SET



OPTIONAL

SWISSMET DATA CABLE





WIRELESS SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	23.45 Big display - 12mm Digit
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
MDS APP WIRELESS MDS app	HID WIRELESS HID	HID MAC WIRELESS HID+MAC



VIDEO



SwissMet
interface



CONNECTION
possibilities

- **WIRELESS MICRON SwissMet IP67** digital caliper
- Accuracy up to $\pm 15\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32\mu\text{m}$)
- **MODIFICATION** with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS MICRON SwissMet IP67

DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm							
141073192	0-150	0-6"	0,001	± 15	40/16	IP-67		•	•	•	•
141073192R							•	•	•	•	•
141073292	0-200	0-8"		± 15	50/17			•	•	•	•
141073392	0-300	0-12"		± 20	60/20			•	•	•	•

CERAMIC WIRELESS MICRON SwissMet IP67

DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm						
141073192K	0-150	0-6"	0,001	± 15	40/16	IP-67	•	•	•	•
141073292K	0-200	0-8"		± 15	50/17		•	•	•	•
141073392K	0-300	0-12"		± 20	60/20		•	•	•	•



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MDS app ANDROID



DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



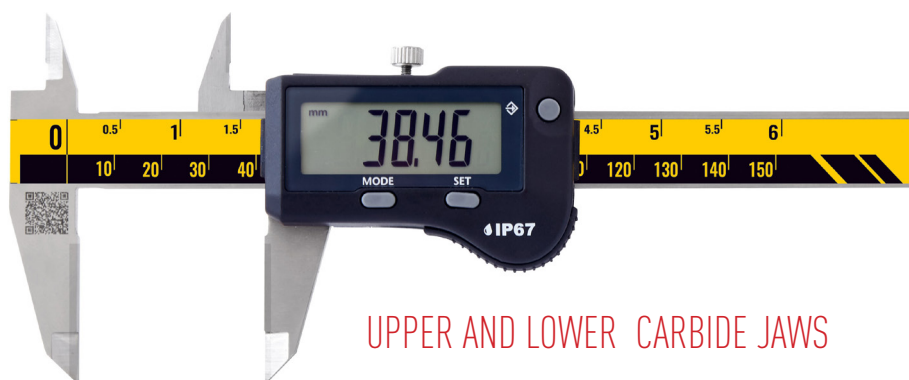
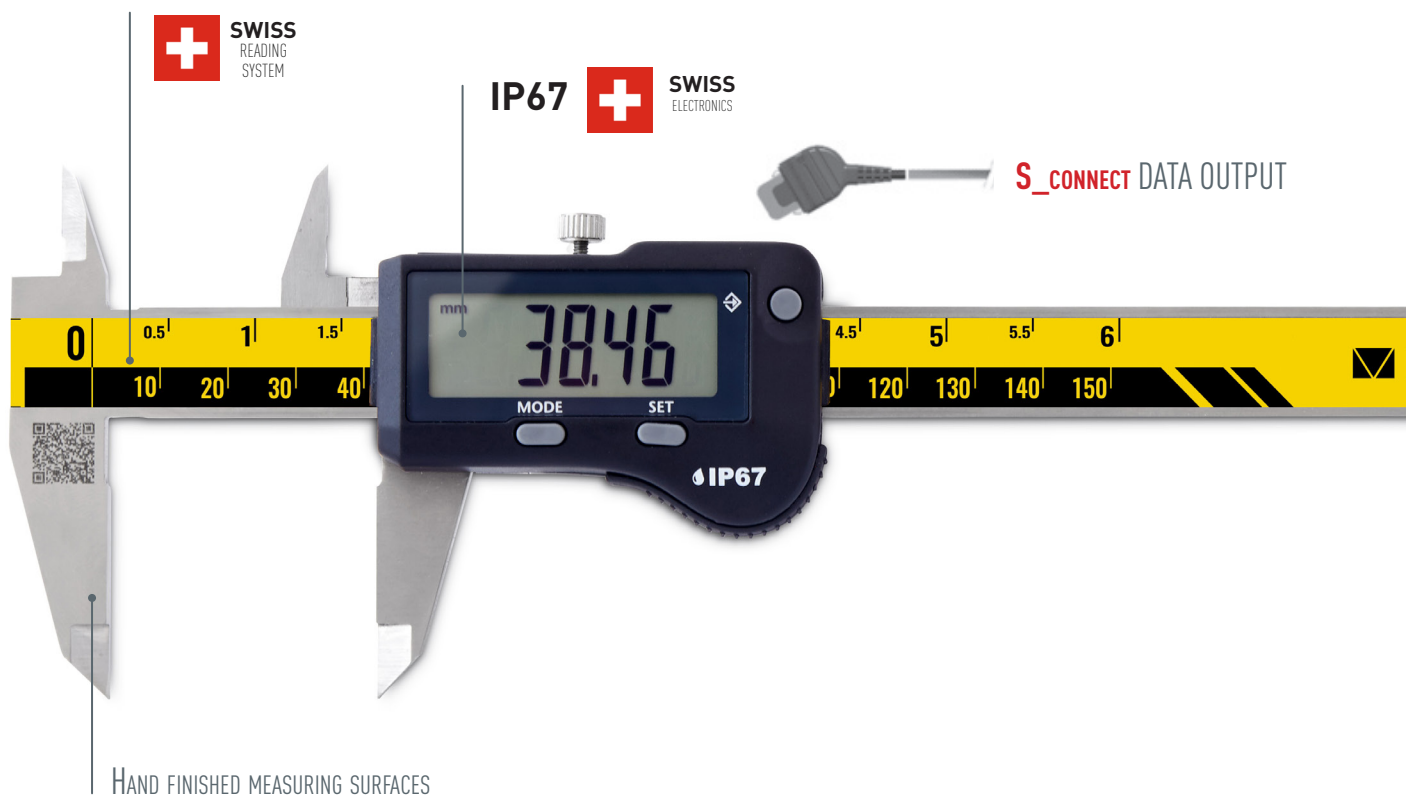
MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app



UPPER AND LOWER CARBIDE JAWS

SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	Hold HOLD
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
S_connect data output		Big display - 12mm Digit



VIDEO



CONNECTION possibilities



SwissMet interface

- **SwissMet IP67** digital caliper
- Accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32$)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate $> 10/\text{s}$
- **S_connect** data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION with** Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SWISSMET IP67 DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	HOLD	S_connect
	mm	inch	mm	μm								
141072102	0-150	0-6"	0,01	± 20	40/16	IP-67		•	•	•	•	•
141072102R				± 20	50/17		•	•	•	•	•	•
141072202	0-200	0-8"		± 20	60/20			•	•	•	•	•
141072302	0-300	0-12"		± 30			•	•	•	•	•	•

CARBIDE SWISSMET IP67 DIGITAL CALIPER

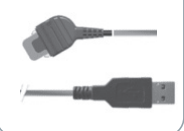
Item No	Range		Reso- lution	Accur- acy	Jaws	Protection	Preset	mm/inch	Auto on/off	HOLD	S_connect
	mm	inch	mm	μm							
141072122C	0-150	0-6"	0,01	± 20	40/16	IP-67	•	•	•	•	•
141072222C	0-200	0-8"		± 20	50/17		•	•	•	•	•
141072322C	0-300	0-12"		± 30	60/20		•	•	•	•	•

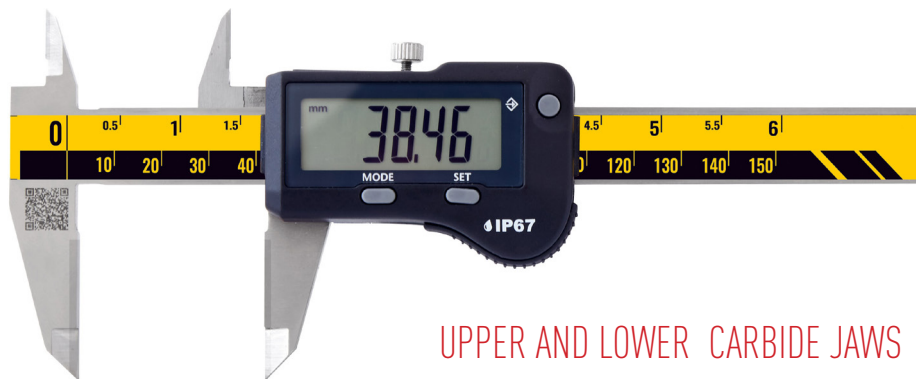
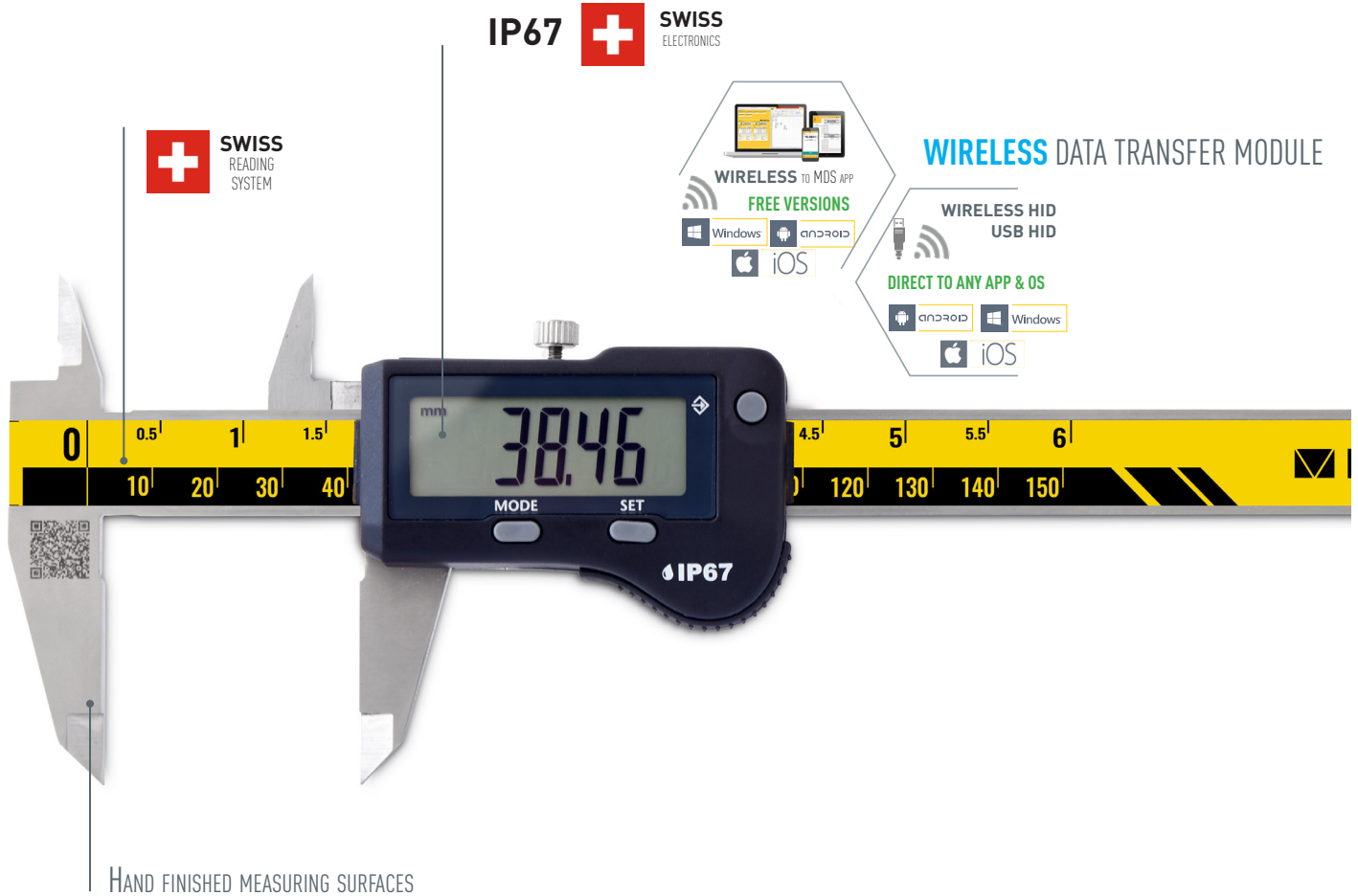
DELIVERY SET



OPTIONAL

SWISSMET DATA CABLE





WIRELESS SWISSMET IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	23.45 Big display - 12mm Digit
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
MDS APP WIRELESS MDS app	HID WIRELESS HID	HID MAC WIRELESS HID+MAC



- **WIRELESS SwissMet IP67** digital caliper
- Accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32$)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate $> 10/\text{s}$
- **3 MODES WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- **MODIFICATION** with Upper and Lower CARBIDE jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm							
141072192	0-150	0-6"	0,01	± 20	40/16	IP-67		•	•	•	•
141072192R	0-150	0-6"		± 20	40/16		•	•	•	•	•
141072292	0-200	0-8"		± 20	50/17			•	•	•	•
141072392	0-300	0-12"		± 30	60/20			•	•	•	•

CARBIDE WIRELESS SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm						
141072192C	0-150	0-6"	0,01	± 20	40/16	IP-67	•	•	•	•
141072292C	0-200	0-8"		± 20	50/17		•	•	•	•
141072392C	0-300	0-12"		± 30	60/20		•	•	•	•



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DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app

- Big screen **CertiMet** digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32 \mu m$)
- **MODIFICATION** with or without thumb roller
- **MODIFICATION** with Upper and Lower CARBIDE jaws
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



VIDEO



HAND FINISHED MEASURING SURFACES

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Thumb roller	Round rod mm/inch	Auto on/off	Data output
	mm	inch	mm	μm						
141083111	0-150	0-6"	0,01	± 20	40/16	IP-54				micro-USB
141083112										
141083112R										
141083211	0-200	0-8"	0,01	± 20	50/17	IP-54				
141083212										
141083311	0-300	0-12"	0,01	± 30	60/20	IP-54				
141083312										

CARBIDE **CERTIMET** DIGITAL CALIPER IP54



UPPER AND LOWER
CARBIDE JAWS

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Thumb roll mm/inch	Auto on/off	Data output
	mm	inch	mm	μm					
141083111C	0-150	0-6"	0,01	± 20	40/16	IP-54			micro-USB
141083212C	0-200	0-8"		± 20	50/17				
141083312C	0-300	0-12"		± 30	60/20				

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE
A KEYBOARD



- CertiMet digital caliper IP54 with PRESET function
- Micro USB data output (optional USB HID cable 29900830)
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32 \mu m$)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



HAND FINISHED MEASURING SURFACES

PRESET
FUNCTION

Item No	Range		Reso- lution	Accu- racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	Data output
	mm	inch									
141081112	0-150	0-6"	0,01	±20	40/16	IP-54		•	•	•	micro-USB
141081112R							•	•	•	•	
141081212	0-200	0-8"		±20	50/17			•	•	•	
141081312	0-300	0-12"		±30	60/20			•	•	•	

DELIVERY SET

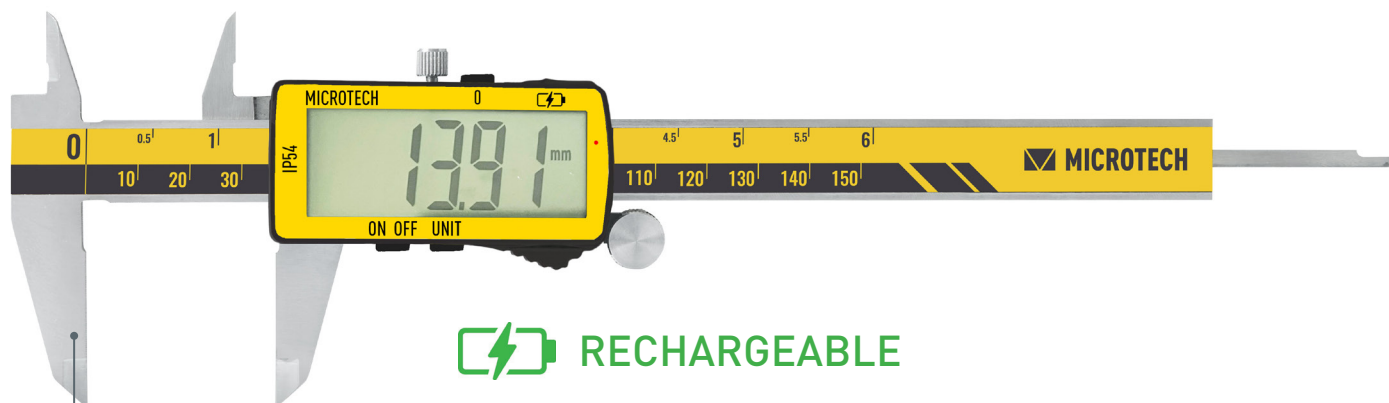


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **CertiMet RECHARGEABLE** Big screen digital caliper **IP54** waterproof in Metal casing
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32 \mu m$)
- Internal Li-Pol battery (USB charging cable including)
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



HAND FINISHED MEASURING SURFACES

Item No	Range		Resolution	Accuracy	Jaws	Protection	Thumb roller	mm/inch	Auto on/off	Rechargeable	USB
	mm	inch									
141080112	0-150	0-6"		± 20	40/16		•	•	•	•	micro-USB
141080212	0-200	0-8"	0,01	± 20	50/17	IP-54	•	•	•	•	
141080312	0-300	0-12"		± 30	60/20		•	•	•	•	

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- CertiMet digital caliper **IP67** waterproof
- Waterproof **IP67** electronics with **5µm** or **10µm** resolution
- **HOLD** function
- Stainless steel caliper with hand finished measuring surfaces ($Ra < 0.32\mu m$)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Jaws	mm/inch	Auto on/off	HOLD
	mm	inch	mm	µm				
141085102	0-150	0-6"	0,01	±20	40/16	•	•	•
141085112			0,005			•	•	•
141085202	0-200	0-8"	0,01	±20	50/17	•	•	•
141085212			0,005			•	•	•
141085302	0-300	0-12"	0,01	±30	60/20	•	•	•
141085312			0,005			•	•	•

VIDEO

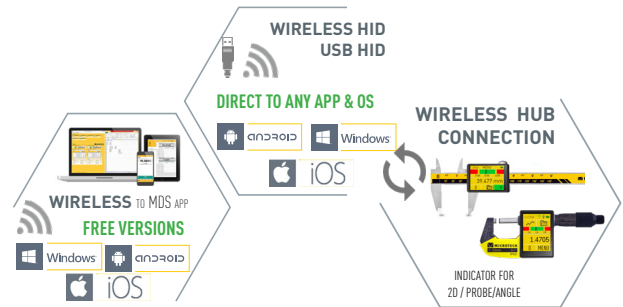
DELIVERY SET



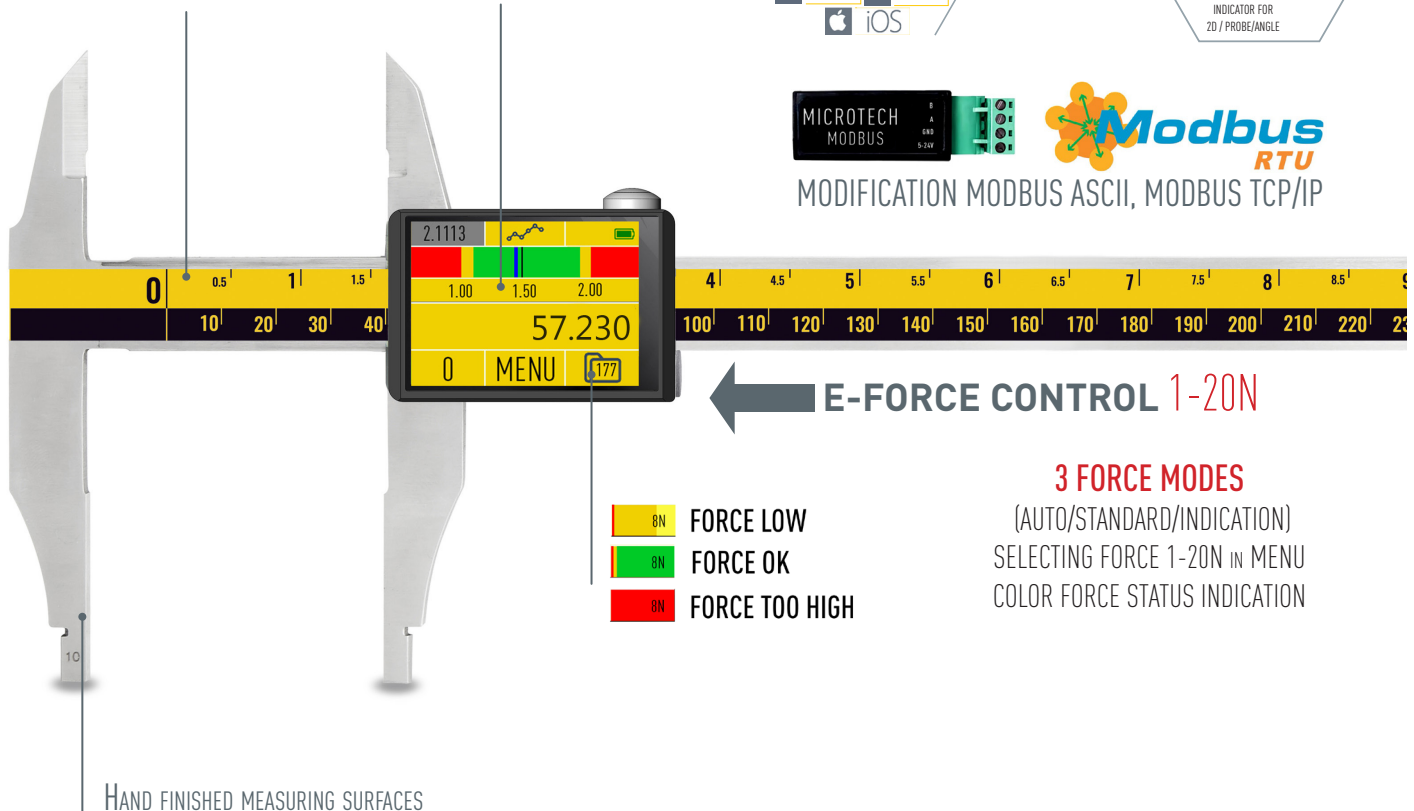


SWISS
READING
SYSTEM

TABLET MULTIFUNCTIONAL MICS
2.0" TOUCHSCREEN DISPLAY



MODIFICATION MODBUS ASCII, MODBUS TCP/IP



E-FORCE CONTROL 1-20N

3 FORCE MODES

(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

HAND FINISHED MEASURING SURFACES

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted Mid-size caliper with computerized **MICS** system with 2.0" color Touchscreen (Patents US10184772,UA174949,UA126928)
- MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON DataMet E-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm															
141088321A	0-300	0-12"		±12		60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141088521A	0-500	0-20"	0,001	±15	1-20	100/30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141088621A	0-600	0-24"		±18			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS MICRON DataMet E-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	N	mm																		
141088321M	0-300	0-12"		±12		60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141088521M	0-500	0-20"	0,001	±15	1-20	100/30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141088621M	0-600	0-24"		±18			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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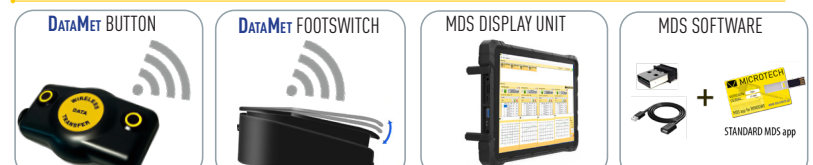
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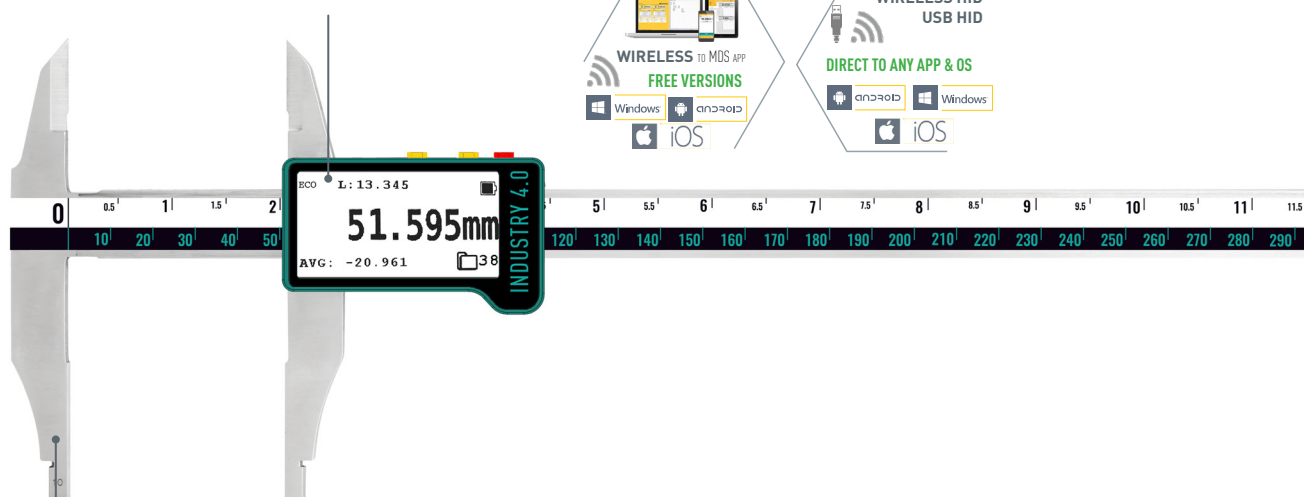
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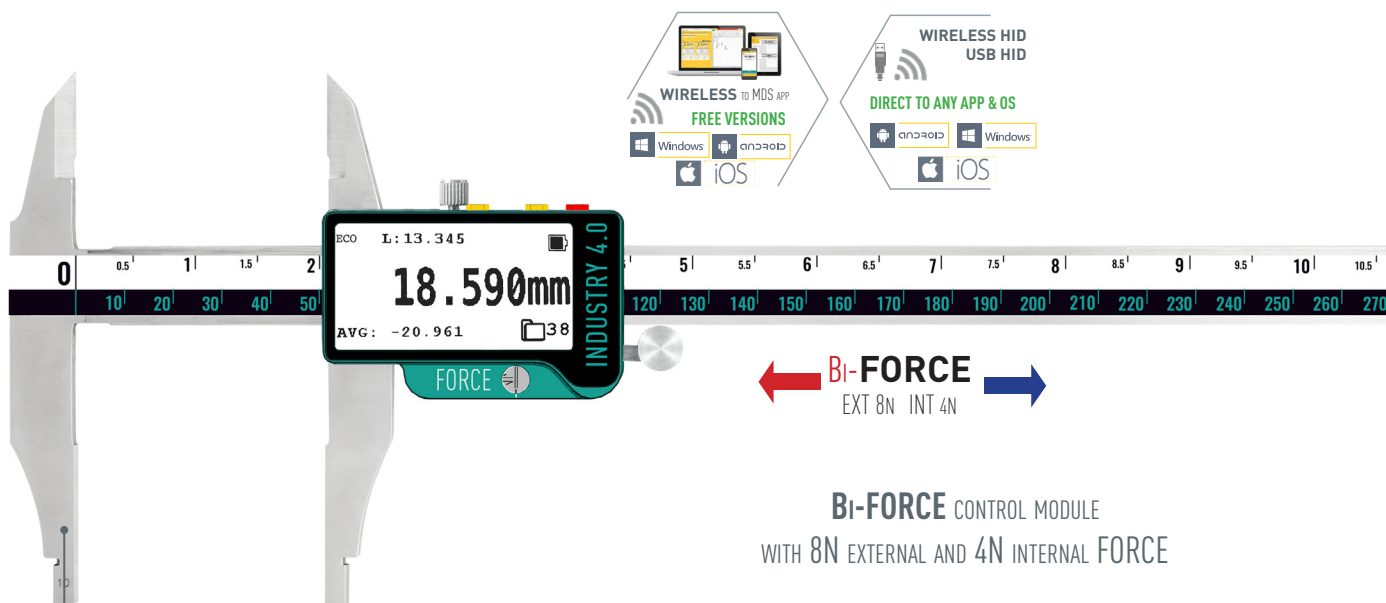
OPTIONAL



ENERGY EFFICIENCY **E-INK** DISPLAY 2.13"



HAND FINISHED MEASURING SURFACES



Bi-FORCE
EXT 8N INT 4N

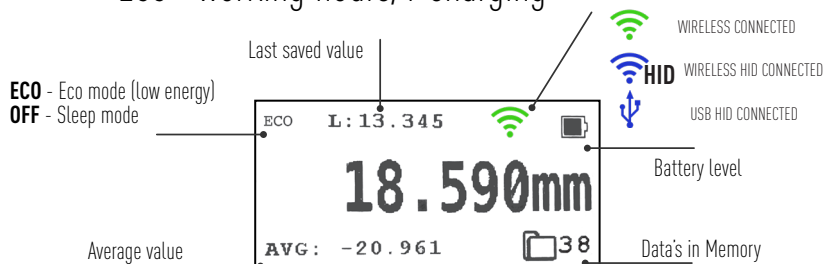
Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

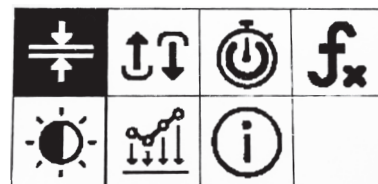
DATA**Met** **E-INK** FUNCTIONS

ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS

Stat	All
1: 0.050	4: 29.245
2: 7.320	5: 37.680
3: 20.440	NEXT PREV

- Industry 4.0 adopted Mid-size E-ink caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- Modification with **Double Force** control module with 8N external and 4N internal FORCE
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet E-INK

CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS
	mm	inch	mm	µm	N	mm														
141093321B	0-300	0-12"	0,005	±20	-	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet E-INK Bi-FORCE

CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS
	mm	inch	mm	µm	N	mm														
141093321F	0-300	0-12"	0,005	±15	8 / 4	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•



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MDS app WINDOWS



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MDS app iOS, MacOS



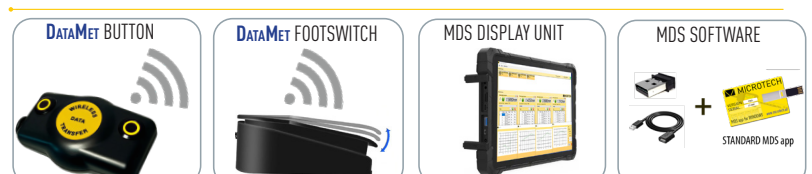
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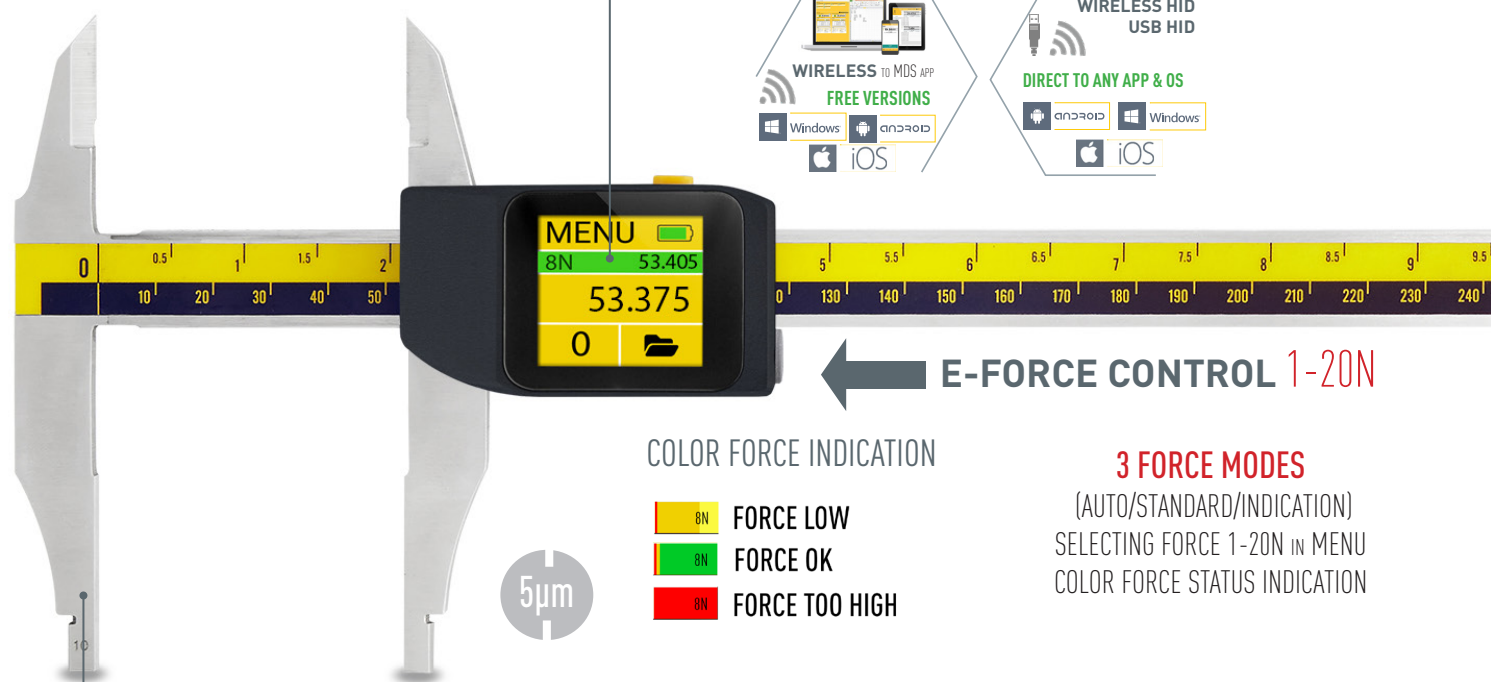


OPTIONAL



- Industry 4.0 adopted Mid-size caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Min Resolution 0.005mm (0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY



HAND FINISHED MEASURING SURFACES

Item No	Range		Reso- lution	Accu- racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm														
141077321A	0-300	0-12"	0,005	±15	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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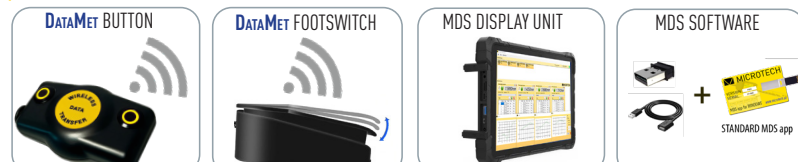


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android

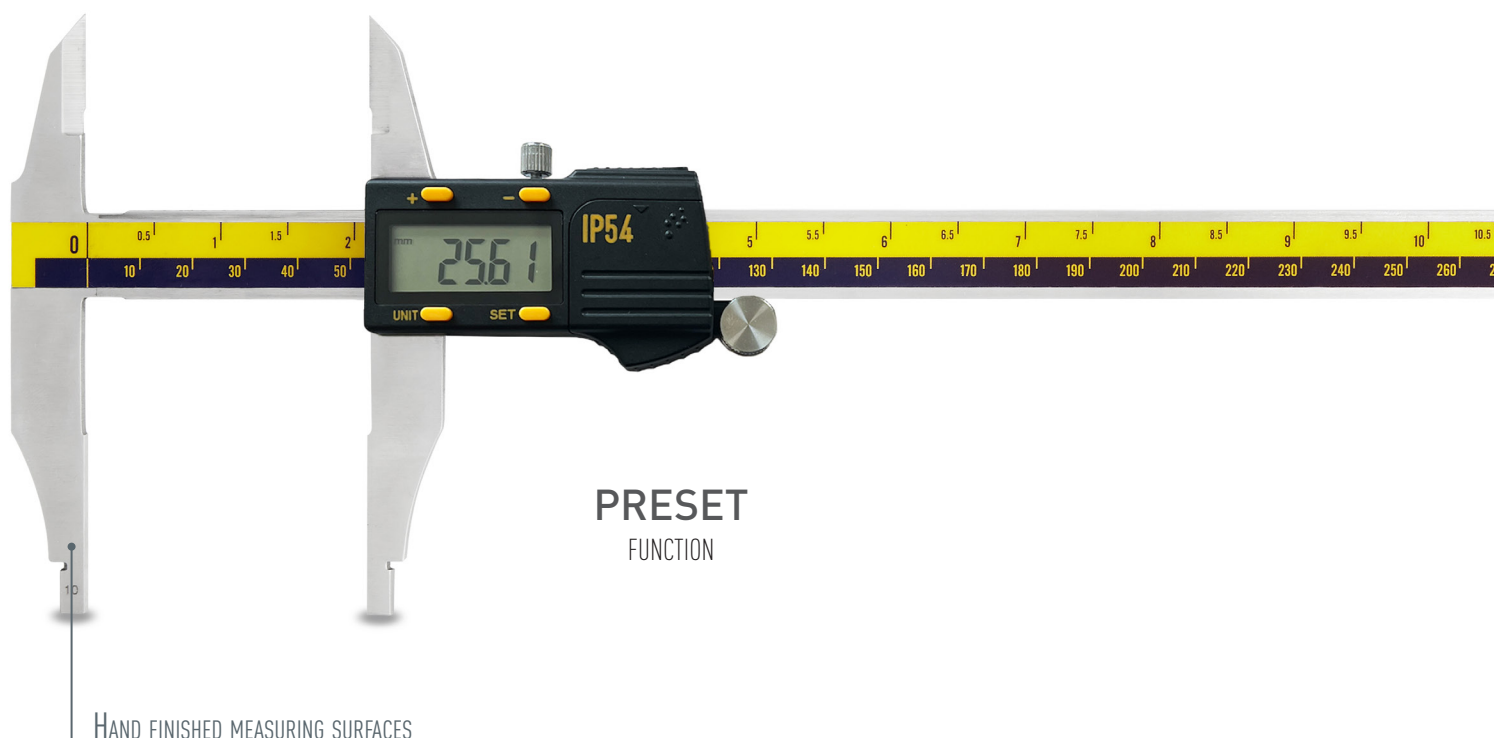
DELIVERY SET



OPTIONAL



- Mid-size digital caliper **IP54** waterproof with PRESET function
- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Micro USB data output (optional USB HID cable **29900830**)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy*	Jaws	Protection	Thumb roller	Preset	mm/inch	Auto on/off	USB
	mm	inch	mm	µm	mm						
141083321	0-300	0-12"	0,01	±30	60/40	IP-54	•	•	•	•	•

DELIVERY SET

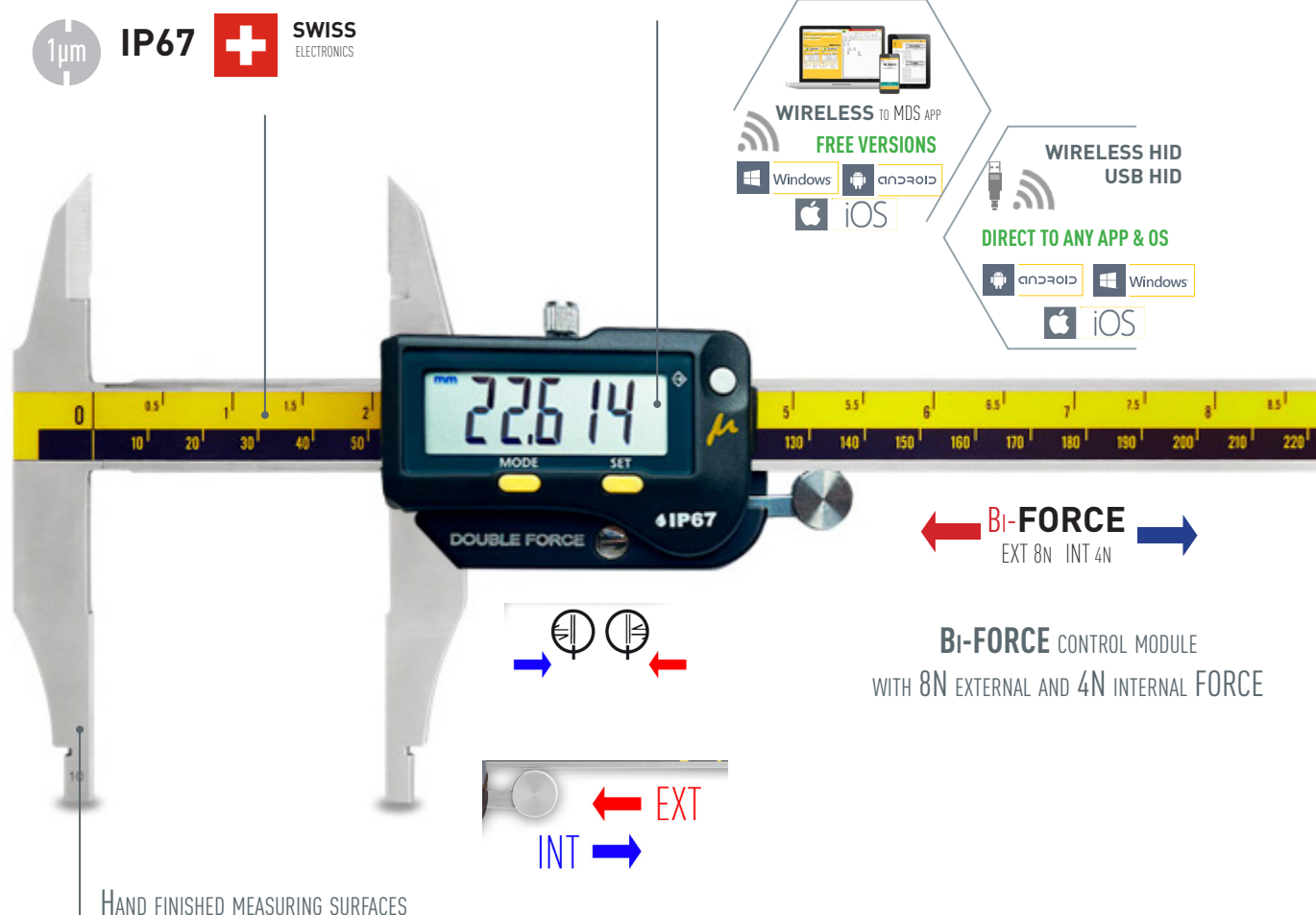


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



SWISSMET IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP	HID	
WIRELESS MDS app	WIRELESS HID	

- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Bi-Force control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 12\mu\text{m}$ on external jaws (internal according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S_connect data output (with optional S_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON SwissMet IP67 Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Resolution	Accuracy*	Double force	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	S connect
	mm	inch										
141079323	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	17x5	IP-67	•	•	•	•
141079523	0-500	0-20"		±16		100/30			•	•	•	•
141079623	0-600	0-24"		±20								



WIRELESS MICRON SwissMet IP67 Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Double force	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm	mm					
141079393	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	17x5	IP-67	●	●	●	●
141079593	0-500	0-20"		±16		100/30			●	●	●	●
141079693	0-600	0-24"		±20								



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MDS app ANDROID



DELIVERY SET



OPTIONAL



IP67  SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES



1 μ m IP67  SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES



SWISSMET IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	
WIRELESS MDS app	WIRELESS HID	

- Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips
- Waterproof **IP67** Swiss electronics with **0,001** or 0.01mm resolution
- High accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal according ISO13385)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **MODIFICATION with 3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- **MODIFICATION with S_connect** data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces ($R_a < 0.32\mu\text{m}$)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	S connect
	mm	inch	mm	µm	mm	mm					
141072323	0-300	0-12"	0,01	±30	60/40	17x5	IP67	●	●	●	●
141072523	0-500	0-20"		±30	100/30			●	●	●	●
141072623	0-600	0-24"		±30				●	●	●	●

WIRELESS SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm	mm					
141072393	0-300	0-12"	0,01	±30	60/40	17x5	IP67	•	•	•	•
141072593	0-500	0-20"		±30	100/30			•	•	•	•
141072693	0-600	0-24"		±30				•	•	•	•

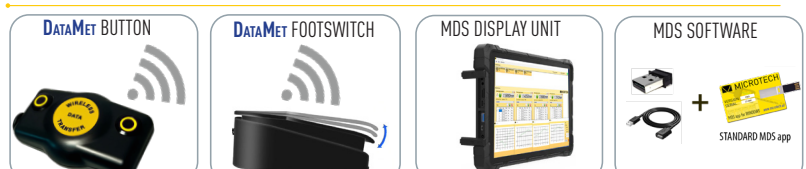

MICRON SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	S connect
	mm	inch	mm	µm	mm	mm					
141072324	0-300	0-12"	0,001	±20	60/40	17x5	IP67	•	•	•	•
141072524	0-500	0-20"		±20	100/30			•	•	•	•
141072624	0-600	0-24"		±20				•	•	•	•

MICRON WIRELESS SWISSMET IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso- lution	Accu- racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm	mm					
141072394	0-300	0-12"	0,001	±20	60/40	17x5	IP67	•	•	•	•
141072594	0-500	0-20"		±20	100/30			•	•	•	•
141072694	0-600	0-24"		±20				•	•	•	•


DELIVERY SET

OPTIONAL


IP67  SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES



MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE

1µm IP67  SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES

SWISSMET IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	
WIRELESS MDS app	WIRELESS HID	

- Long jaws up for internal (>10mm) and external measuring
- Waterproof IP67 Swiss electronics with 0,001 or 0,01mm resolution
- High accuracy up to $\pm 20\mu\text{m}$ on external jaws (internal according ISO13385)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S_connect data output (with optional S_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32 μm)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	S_connect
	mm	inch										
141072311	0-300	0-12"	0,01	100	± 20	17x5	0,69	IP67	•	•	•	•
141072411	0-400	0-16"			± 30		0,79		•	•	•	•
141072511	0-500	0-20"			± 30		0,88		•	•	•	•
141072611	0-600	0-24"			± 30		0,98		•	•	•	•

WIRELESS SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch										
141072391	0-300	0-12"	0,01	100	± 20	17x5	0,69	IP67	•	•	•	•
141072491	0-400	0-16"			± 30		0,79		•	•	•	•
141072591	0-500	0-20"			± 30		0,88		•	•	•	•
141072691	0-600	0-24"			± 30		0,98		•	•	•	•



SwissMet interface



CONNECTION possibilities

MICRON SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	S_connect
	mm	inch										
141074312	0-300	0-12"	0,001	100	± 15	17x5	0,69	IP67	•	•	•	•
141074412	0-400	0-16"			± 20		0,79		•	•	•	•
141074512	0-500	0-20"			± 20		0,88		•	•	•	•
141074612	0-600	0-24"			± 20		0,98		•	•	•	•



DOWNLOAD MDS app WINDOWS

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android

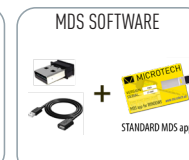
WIRELESS MICRON SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch										
141074392	0-300	0-12"	0,001	100	± 15	17x5	0,69	IP67	•	•	•	•
141074492	0-400	0-16"			± 20		0,79		•	•	•	•
141074592	0-500	0-20"			± 20		0,88		•	•	•	•
141074692	0-600	0-24"			± 20		0,98		•	•	•	•

DELIVERY SET



OPTIONAL





IP67



**SWISS
ELECTRONICS**

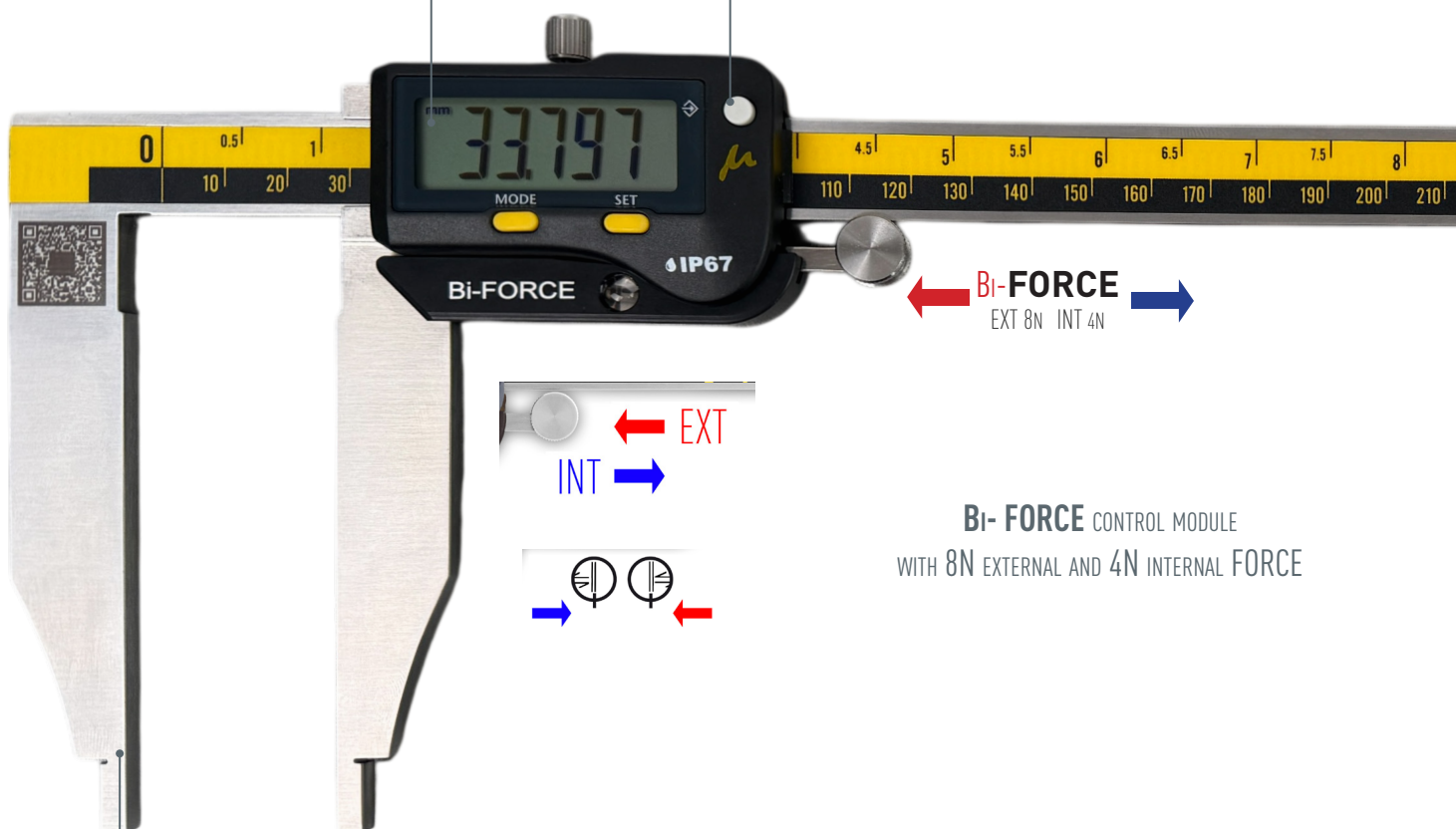


**WIRELESS HID
USB HID**

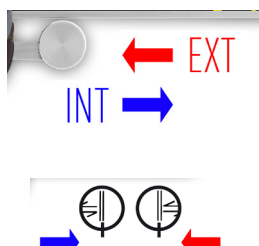
DIRECT TO ANY APP & OS



MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



Bi-FORCE
EXT 8N INT 4N



Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

SWISSMET IP67 FUNCTIONS

PrE

PRESET

Unit

mm/inch

I Hold

HOLD

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)



**SWISS
ELECTRONICS**

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID

- Long jaws up for internal (>10mm) and external measuring
- Bi-Force control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- High accuracy up to $\pm 10\mu\text{m}$ on external jaws (internal according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION with S_connect data output (with optional S_connect USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32 μm)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Double force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	S_connect
	mm	inch	mm	mm	μm	N	mm	kg					
141074316	0-300	0-12"	0,001	100	± 10	8 ext 4 int	17x5	0,69	IP67				
141074416	0-400	0-16"			± 12			0,79					
141074516	0-500	0-20"			± 15			0,88					
141074616	0-600	0-24"			± 20			0,98					

WIRELESS MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Double force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	μm	N	mm	kg					
141074396	0-300	0-12"	0,001	100	± 10	8 ext 4 int	17x5	0,69	IP67				
141074496	0-400	0-16"			± 12			0,79					
141074596	0-500	0-20"			± 15			0,88					
141074696	0-600	0-24"			± 20			0,98					



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MDS app WINDOWS



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MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



SwissMet
interface



CONNECTION
possibilities



VIDEO

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



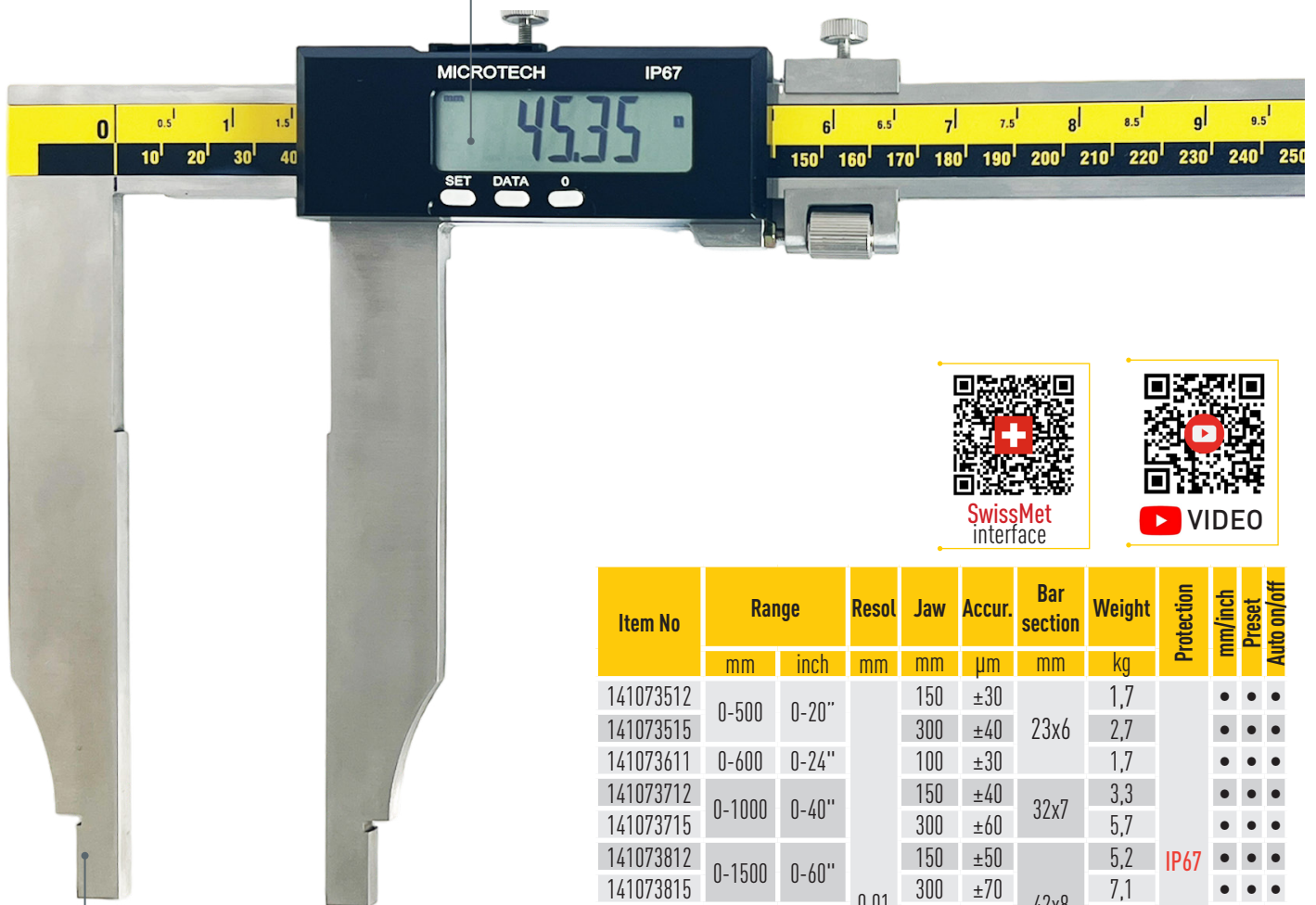
MDS SOFTWARE



STANDARD MDS app

- Long jaw digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67  **SWISS ELECTRONICS**



HAND FINISHED MEASURING SURFACES

SWISSMET IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67



Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID



SwissMet
interface



VIDEO

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection				
	mm	inch							mm	mm	µm	mm
141073512	0-500	0-20"	0,01	150	±30	23x6	1,7	IP67	•	•	•	
141073515				300	±40		2,7		•	•	•	
141073611	0-600	0-24"		100	±30	32x7	1,7		•	•	•	
141073712	0-1000	0-40"		150	±40		3,3		•	•	•	
141073715				300	±60	5,7	•		•	•		
141073812	0-1500	0-60"		150	±50	42x8	5,2		Al case	•	•	•
141073815				300	±70		7,1			•	•	•
141073912	0-2000	0-80"		150	±60		7,1			•	•	•
141073915				300	±80		8,6			•	•	•
141073255	0-2500	0-100'			±90		•			•	•	
141073305	0-3000	0-120'			±100		•			•	•	
141073405	0-4000	0-160'			±130	53x8				•	•	•
141073505	0-5000	0-200'			±160					•	•	•
141073605	0-6000	0-240'			±200					•	•	•

DELIVERY SET



- Long jaw **WIRELESS** digital caliper with waterproof **IP67** Swiss electronics with PRESET function
- High quality Swiss electronics with PRESET function and **IP67** protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



IP67  **SWISS ELECTRONICS**

HAND FINISHED MEASURING SURFACES



SwissMet interface



CONNECTION possibilities



DOWNLOAD
MDS app WINDOWS





DOWNLOAD
MDS app iOS, MacOS





DOWNLOAD
MDS app ANDROID



Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIFI/E	
	mm	inch											mm
141073592	0-500	0-20"	0,01	150	±30	23x6	1,75	IP67	Al case	•	•	•	•
141073595				300	±40		2,65			•	•	•	•
141073691	0-600	0-24"		100	±30	1,66	•			•	•	•	
141073792	0-1000	0-40"		150	±40	3,32	•			•	•	•	
141073795				300	±60	5,70	•			•	•	•	
141073892	0-1500	0-60"		150	±50	5,2	•			•	•	•	
141073895				300	±70	7,1	•			•	•	•	
141073992	0-2000	0-80"		150	±60	7,1	•			•	•	•	
141073995					±80	8,6	•			•	•	•	
141073265	0-2500	0-100'		300		±90				•	•	•	•
141073315	0-3000	0-120'				±100				•	•	•	•
141073415	0-4000	0-160'				±130				•	•	•	•
141073525	0-5000	0-200'				±160				•	•	•	•
141073625	0-6000	0-240'				±200				•	•	•	•

DELIVERY SET



FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL



USB DATA/CHARGING CABLE

OPTIONAL



DataMet BUTTON



DataMet FOOTSWITCH

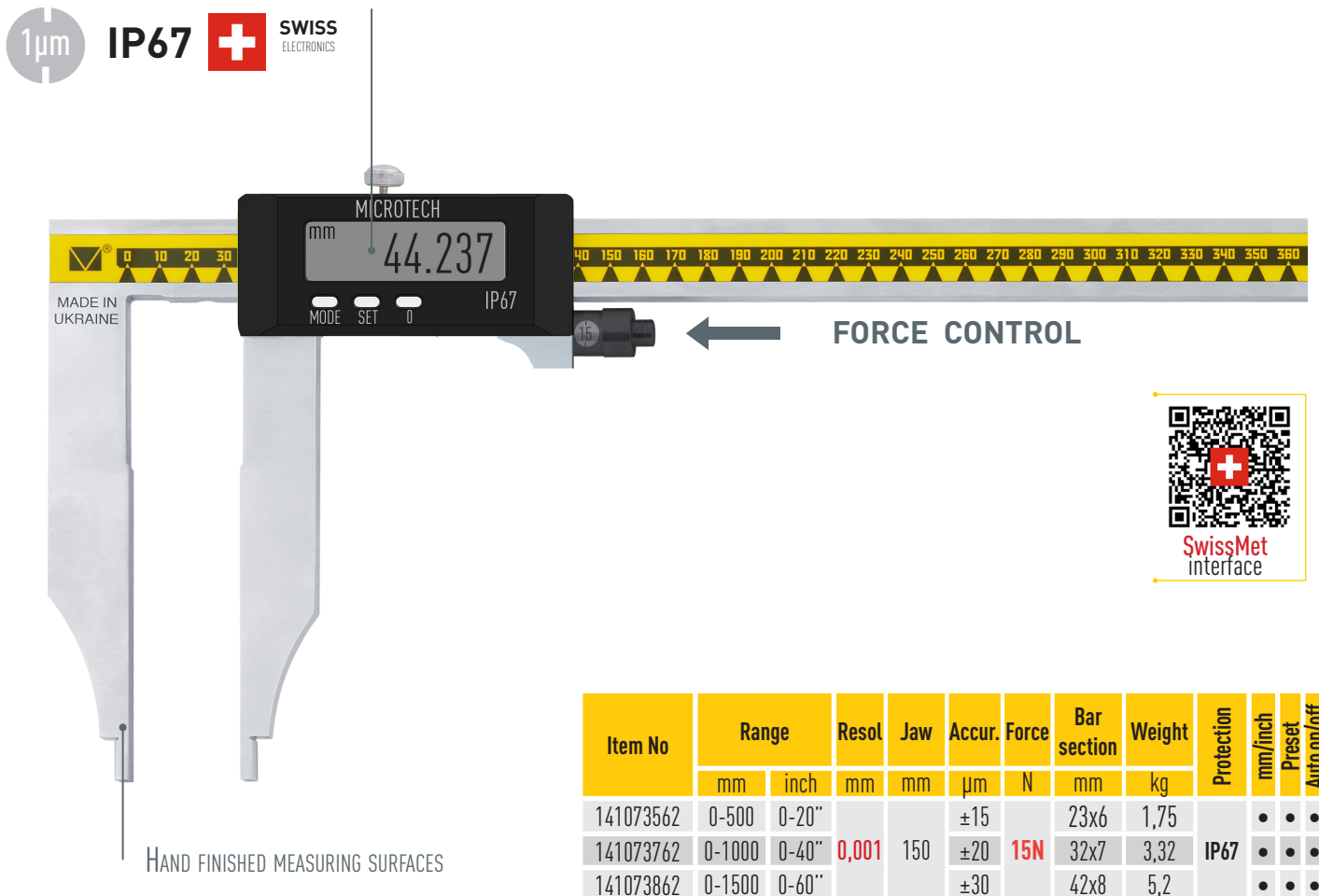


MDS DISPLAY UNIT



MDS SOFTWARE

- **MICRON FORCE SwissMet** Long jaw digital caliper
- **FORCE** control module with 15N external **FORCE** (Patents US10429165, UA146381)
- High quality **MICRON** Swiss electronics with **PRESET** function and **IP67** protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resol	Jaw	Accur.	Force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off
	mm	inch	mm	mm	µm	N	mm	kg				
141073562	0-500	0-20"			±15		23x6	1,75		•	•	•
141073762	0-1000	0-40"	0,001	150	±20	15N	32x7	3,32	IP67	•	•	•
141073862	0-1500	0-60"			±30		42x8	5,2		•	•	•

SWISSMET IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

Hold
HOLD

SLEEP (sis)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS

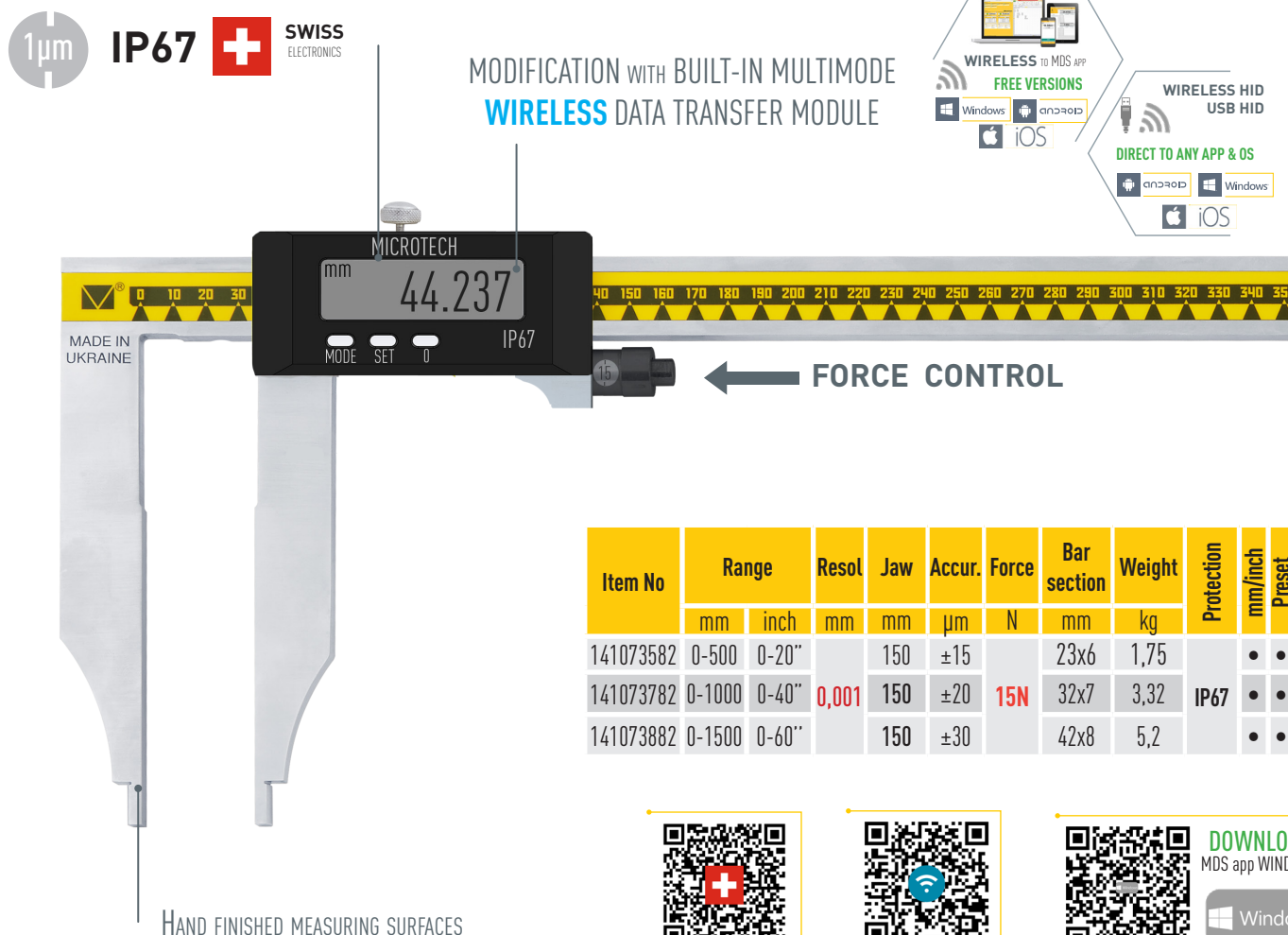
S_connect data output

Big display - 14mm Digit

DELIVERY SET



- MICRON WIRELESS FORCE SwissMet Long jaw digital caliper
- FORCE control module with 15N external FORCE (Patents US10429165, UA146381)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resol	Jaw	Accur.	Force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	N	mm	kg					
141073582	0-500	0-20"		150	±15		23x6	1,75		•	•	•	•
141073782	0-1000	0-40"	0,001	150	±20	15N	32x7	3,32	IP67	•	•	•	•
141073882	0-1500	0-60"		150	±30		42x8	5,2		•	•	•	•



SwissMet IP67 FUNCTIONS



SLEEP (SIS) Auto ON/OFF IP 67 (IEC60529) Swiss electronics



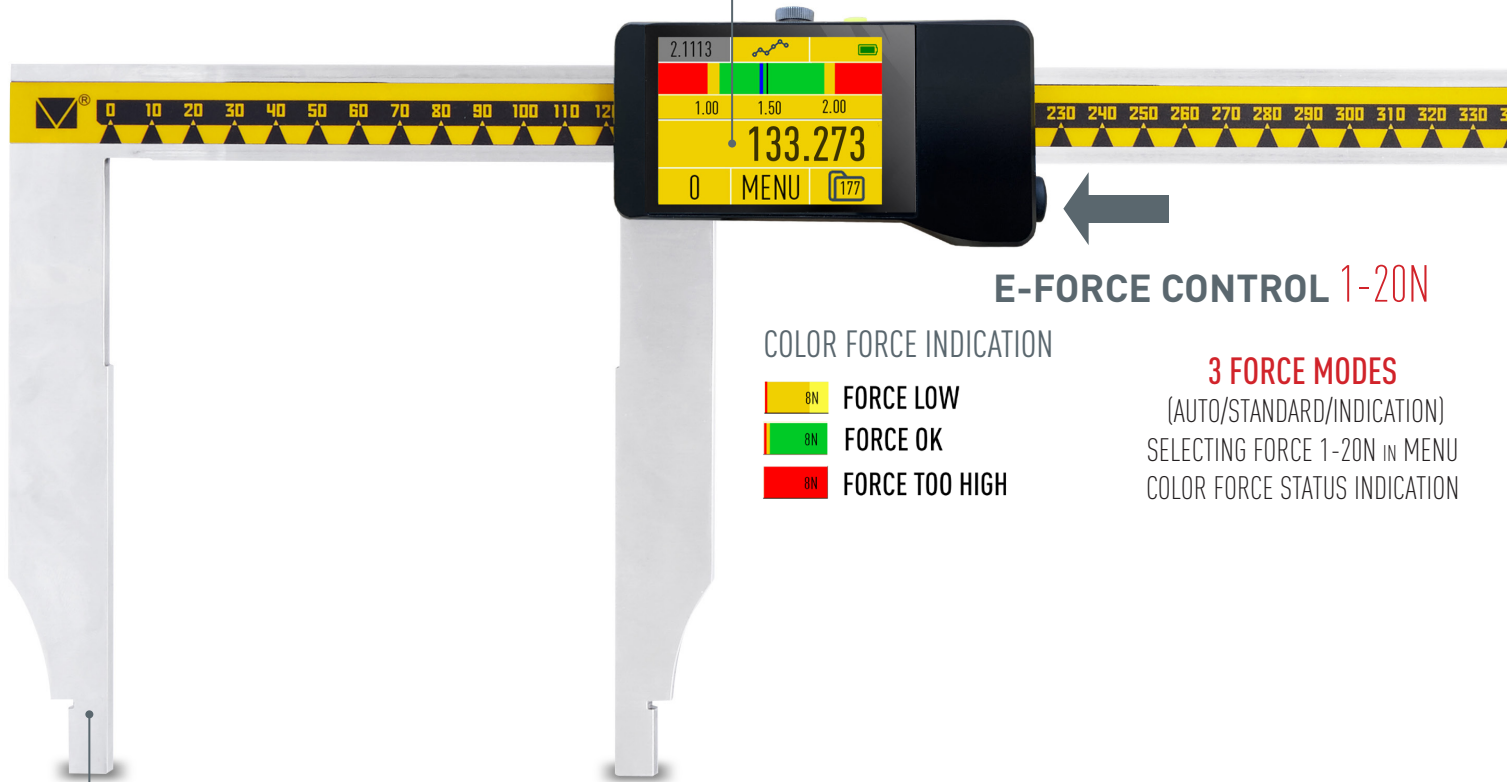
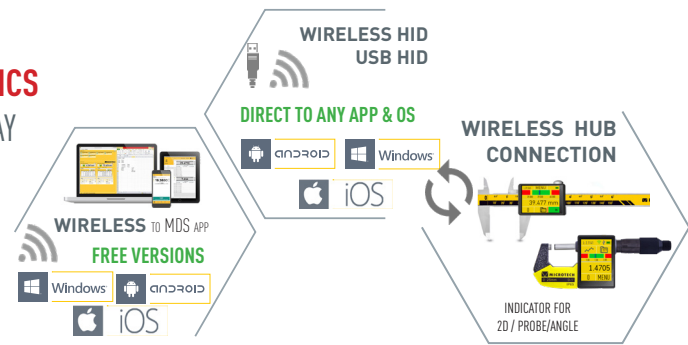
DELIVERY SET



OPTIONAL



TABLET MULTIFUNCTIONAL MICS
2.4" TOUCHSCREEN DISPLAY



E-FORCE CONTROL 1-20N

COLOR FORCE INDICATION

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

3 FORCE MODES

(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES

DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	Setting	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** caliper with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Modification with MICRON with **SWISS made reading system** resolution **1 micron** (0,001/0,01/0,1mm selection)
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON DataMet LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accuracy	eForce	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	FW update
	mm	inch	mm	mm	µm	N																
141005217				100	±20		•	•	•	•	•	•	•	•	•	•	•	•				
141005227	0-500	0-20"		150	±20		•	•	•	•	•	•	•	•	•	•	•	•				
141005257				300	±25		•	•	•	•	•	•	•	•	•	•	•	•				
141006217	0-630	0-25"	0,001	100	±20		•	•	•	•	•	•	•	•	•	•	•	•				
141010217				150	±30		•	•	•	•	•	•	•	•	•	•	•	•				
141010257	0-1000	0-40"		300	±40		•	•	•	•	•	•	•	•	•	•	•	•				

DataMet LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accuracy	eForce	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	FW update
	mm	inch	mm	mm	µm	N																
141005216				100	±30		•	•	•	•	•	•	•	•	•	•	•	•				
141005226	0-500	0-20"		150	±30		•	•	•	•	•	•	•	•	•	•	•	•				
141005256				300	±30		•	•	•	•	•	•	•	•	•	•	•	•				
141006216	0-630	0-25"		100	±30		•	•	•	•	•	•	•	•	•	•	•	•				
141010216				150	±40		•	•	•	•	•	•	•	•	•	•	•	•				
141010256	0-1000	0-40"		300	±50		•	•	•	•	•	•	•	•	•	•	•	•				
141015216	0-1500	0-60"	0,01	150	±50		•	•	•	•	•	•	•	•	•	•	•	•				
141015256				300	±60		•	•	•	•	•	•	•	•	•	•	•	•				
141020216	0-2000	0-80"		150	±50		•	•	•	•	•	•	•	•	•	•	•	•				
141020256					±60		•	•	•	•	•	•	•	•	•	•	•	•				
141025256	0-2500	0-100"			±80		•	•	•	•	•	•	•	•	•	•	•	•				
141030256	0-3000	0-120"		300	±90		•	•	•	•	•	•	•	•	•	•	•	•				
141040256	0-4000	0-160"			±110		•	•	•	•	•	•	•	•	•	•	•	•				
141050256	0-5000	0-200'			±130		•	•	•	•	•	•	•	•	•	•	•	•				



DOWNLOAD
MDS app WINDOWS

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macOS
iOS



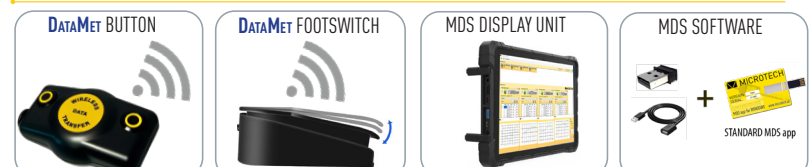
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DELIVERY SET



OPTIONAL



1µm
MODIFICATION

IP67



SWISS
ELECTRONICS



WIRELESS TO MDS APP
FREE VERSIONS

Windows Android iOS

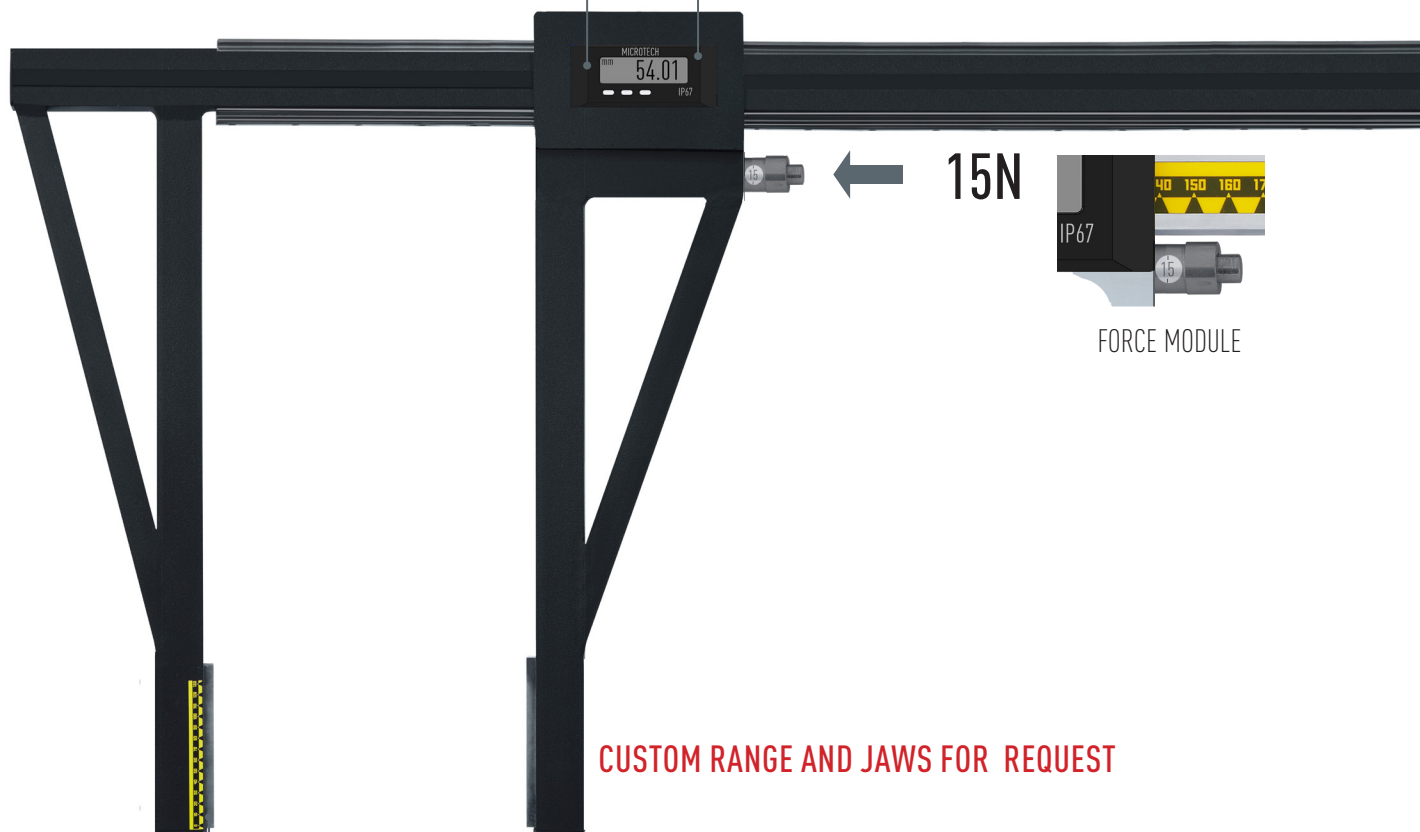


WIRELESS HID
USB HID

DIRECT TO ANY APP & OS



BUILT-IN MULTIMODE WIRELESS
DATA TRANSFER MODULE



15N



FORCE MODULE

CUSTOM RANGE AND JAWS FOR REQUEST

HAND FINISHED MEASURING SURFACES

SWISSMET IP67 FUNCTIONS



PRESET

Unit

HOLD

SLEEP (SIS)

IP67



SWISS
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID



ROLL SLIDING SYSTEM

- Light aluminium base
- 2x steel roll for easy sliding

- Aluminium construction with precision linear guides



- Extra Long jaw digital caliper with waterproof **IP67** Swiss electronics in Al case
- Jaw length up to 1000mm
- Aluminium construction with precision linear guides
- **3 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON WIRELESS FORCE **SwissMet** IP67 EXTRA LONG JAW DIGITAL CALIPER

Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	kg					
142408447	0-800	0-32"	0,001	400	±25	3,9	IP67 Al case	•	•	•	•
142411447	0-1000	0-40'		400	±30	4,3		•	•	•	•
142411467				600	±40	4,7		•	•	•	•
142415447	0-1500	0-60'		400	±30	5,6		•	•	•	•
142415467				600	±40	6,1		•	•	•	•
142418447	0-1800	0-70"		400	±40	6.2		•	•	•	•
142418467				600	±60	6,6		•	•	•	•



WIRELESS FORCE **SwissMet** IP67 EXTRA LONG JAW DIGITAL CALIPER

Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	kg					
142408446	0-800	0-32"	0,01	400	±30	3,9	IP67 Al case	•	•	•	•
142411446	0-1000	0-40'		400	±40	4,3		•	•	•	•
142411466				600	±50	4,7		•	•	•	•
142415446	0-1500	0-60'		400	±40	5,6		•	•	•	•
142415466				600	±50	6,1		•	•	•	•
142418446	0-1800	0-70"		400	±50	6,2		•	•	•	•
142418466				600	±60	6,6		•	•	•	•
142120146	0-2000	0-80"		400	±60	17,5		•	•	•	•
142120166				600	±85	18,0		•	•	•	•
142120106	0-2500	0-100"		1000	±120	19,0		•	•	•	•
142125146				400	±90	20,0		•	•	•	•
142125166	0-3000	0-120"		600	±105	20,5		•	•	•	•
142125106				1000	±140	21,5		•	•	•	•
142130146	0-3500	0-140"		400	±100	24,0		•	•	•	•
142130166				600	±110	24,5		•	•	•	•
142130106				1000	±160	25,5		•	•	•	•
142135146				400	±120	26,5		•	•	•	•
142135166				600	±160	27,0		•	•	•	•
142135106				1000	±240	28,0		•	•	•	•



DELIVERY SET



OPTIONAL





IP67



SWISS
ELECTRONICS



WIRELESS TO MDS APP
FREE VERSIONS

WIRELESS HID
USB HID

DIRECT TO ANY APP & OS



WIRELESS HUB
CONNECTION

INDICATOR FOR
2D / PROBE/ANGLE



ROLL SLIDING SYSTEM

- Light aluminium base
- 2x steel roll for easy sliding

CUSTOM RANGE AND JAWS FOR REQUEST

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA111194, UA112361, UA121681, UA2022205040
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Modification with MICRON with **SWISS made reading system** resolution **1 micron** (0,001/0,01/0,1mm selection)
- Aluminium construction with precision linear guides
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON DataMet EXTRA LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accu- racy	Weight	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID		
	mm	inch	mm	mm	µm	kg																	
142408442	0-800	0-32"	0,001	400	±30	3,9	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•		
142411442	0-1000	0-40"		400	±40	4,3	•	•	•	•	•	•	•	•	•	•	•	•			•	•	
142411462				600	±60	4,7	•	•	•	•	•	•	•	•	•	•	•	•			•	•	
142415442	0-1500	0-50"		400	±50	5.5	•	•	•	•	•	•	•	•	•	•	•	•			•	•	
142415462				600	±70	5,9	•	•	•	•	•	•	•	•	•	•	•	•			•	•	
142418442	0-1800	0-60"		400	±60	6.2	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•
142418462				600	±80	6.6	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•

DataMet EXTRA LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accu- racy	Weight	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	
	mm	inch																				mm
142120142	0-2000	0-80"	0.01	400	±60	17,5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID		•	
142120162				600	±85	18,0	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142120102				1000	±120	19,0	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142125142	0-2500	0-100"		400	±90	20,0	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142125162				600	±105	20,5	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142125102				1000	±140	21.5	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142130142	0-3000	0-120"		400	±100	24.0	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142130162				600	±110	24.5	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142130102				1000	±160	25.5	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142135142	0-3500	0-140"		400	±120	26.5	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142135162				600	±160	27.0	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142135102				1000	±240	28.0	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•



DataMet
interface



CONNECTION
possibilities



VIDEO



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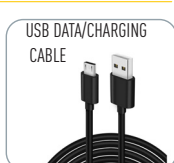


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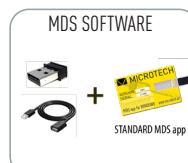


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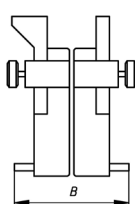
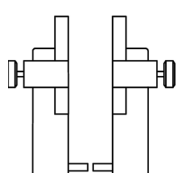
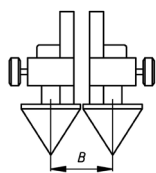
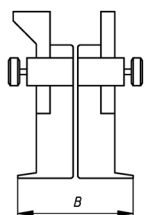
OPTIONAL



IP67  **SWISS**
ELECTRONICS



1μm **IP67**  **SWISS**
ELECTRONICS



3 PAIRS ANVILS

SwissMet IP67 FUNCTIONS

PrE

PRESET

Unit

mm/inch

Hold

HOLD

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)



SWISS
ELECTRONICS

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID

- Universal caliper with 3 pairs of measurings jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

UNIVERSAL **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvils set			Depth	Force	Protection	Preset	mm/inch	Auto on/off	S. connect
	mm	inch	mm	μm	inside & outside groove	inside & outside point	disk D	mm	N					
141630153	0-150	0-6"	0,01	±30	5	D3x5	30	40	-	IP67	•	•	•	•
141630303	0-300	0-12"		±40	10	D3x10	50	60			•	•	•	•

UNIVERSAL **WIRELESS SwissMet IP67** MICRON **Bi-FORCE** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvils set			Depth	Force	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	inside & outside groove	inside & outside point	disk D	mm	N					
141630155	0-150	0-6"	0,001	±15	5	D3x5	30	40	8/4	IP67	•	•	•	•
141630305	0-300	0-12"		±25	10	D3x10	50	60			•	•	•	•



CONNECTION
possibilities



SwissMet
interface



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MDS app WINDOWS



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MDS app ANDROID



DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING
CABLE



OPTIONAL

DATA_{Met} BUTTON



DATA_{Met} FOOTSWITCH

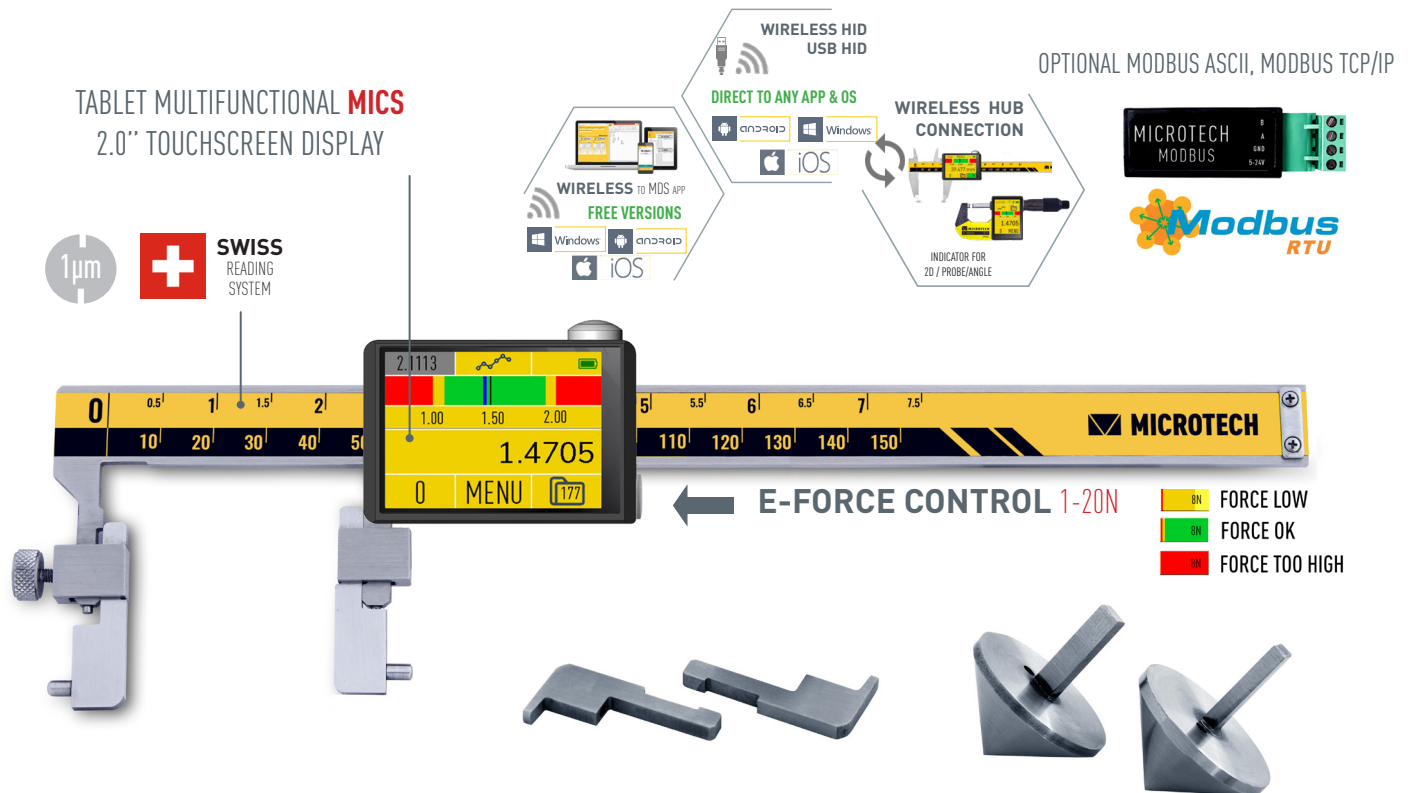


MDS DISPLAY UNIT



MDS SOFTWARE





DATAmet FUNCTIONS



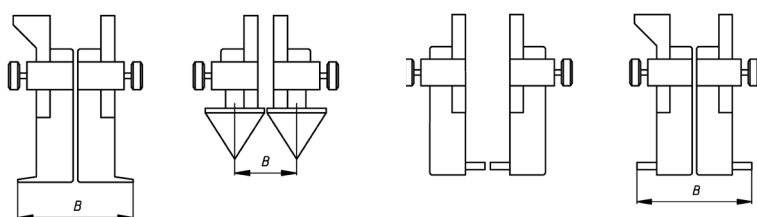
- Universal caliper with 3 pairs of measuring jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

UNIVERSAL MICRON DataMet CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvils set			Depth	Force	Protection	Measuring HUB	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	inside & outside groove	inside & outside point	disk D	mm	N															
141630158	0-150	0-6"	0,001	±15	5	D3x5	30	40	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141630308	0-300	0-12"		±25	10	D3x10	50	60			•	•	•	•	•	•	•	•	•	•	•	•	•	•

UNIVERSAL MODBUS DataMet CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvils set			Depth	Force	Protection	Measuring HUB	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	inside & outside groove	inside & outside point	disk D	mm	N																		
141630158M	0-150	0-6"	0,001	±15	5	D3x5	30	40	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141630308M	0-300	0-12"		±25	10	D3x10	50	60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



3 PAIRS ANVILS



DataMet
interface



CONNECTION
possibilities



MODBUS
protocol



DOWNLOAD
MDS app WINDOWS



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MDS app ANDROID



DELIVERY SET



FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL



USB DATA/CHARGING
CABLE

OPTIONAL



DATA MET BUTTON



DATA MET FOOTSWITCH



MDS DISPLAY UNIT



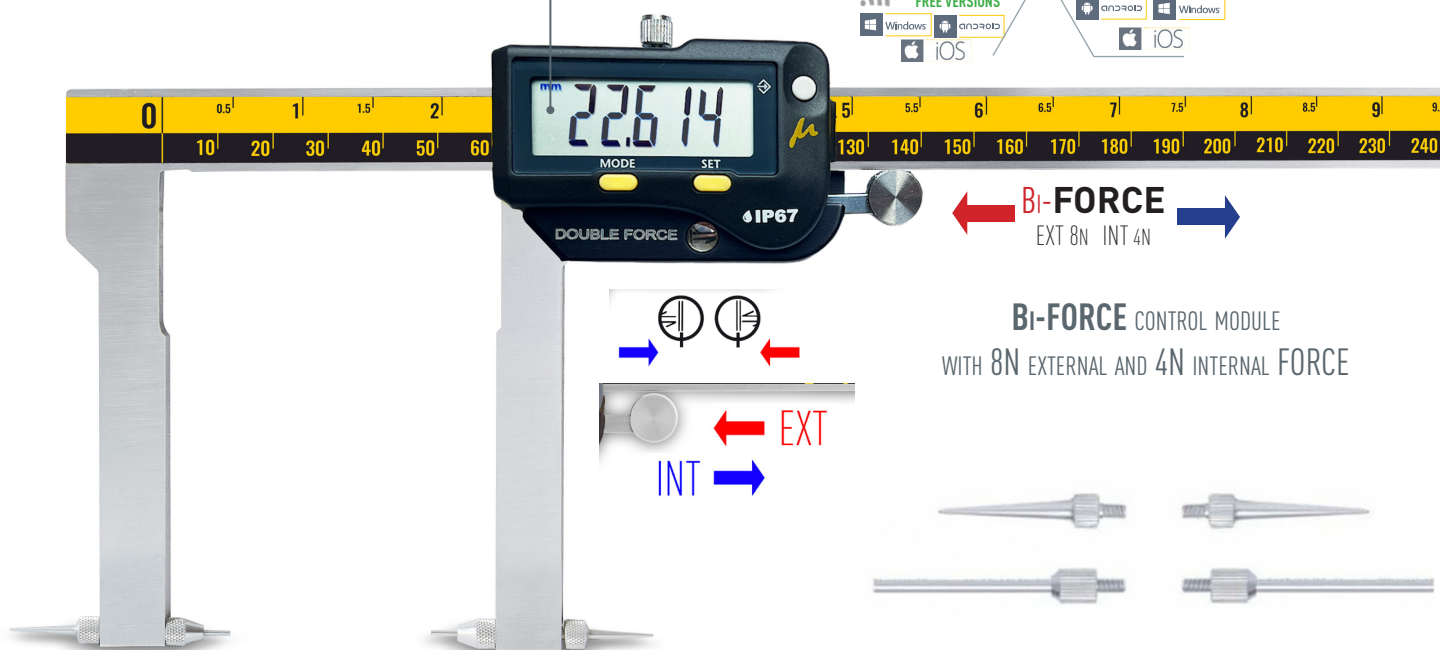
MDS SOFTWARE

STANDARD MDS app

IP67  **SWISS**
ELECTRONICS

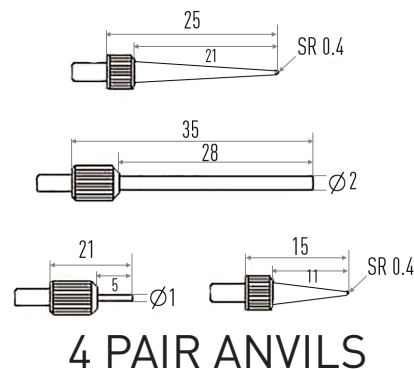


1µm **IP67**  **SWISS**
ELECTRONICS



SwissMet IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (sis)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	
WIRELESS MDS app	WIRELESS HID	



INTERCHANGEABLE POINTS **SwissMet IP67** DIGITAL CALIPER

- **SwissMet** Interchangeable point caliper with 4 pairs of anvils for internal & external measurements
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

INTERCHANGEABLE POINTS **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Depth	Resolution	Accuracy	Anvils	Protection	Preset	mm/inch	HOLD	Auto on/off	S connect
	mm	inch										
141650303	0-300	0-12"	90	0.01	±40	4 pairs	IP67	•	•	•	•	•
141650503	0-500	0-20"	150		±50			•	•	•	•	•
141651003	0-1000	0-40"	150		±60			•	•	•	•	•



INTERCHANGEABLE POINTS **WIRELESS** **SwissMet IP67** MICRON BI-FORCE DIGITAL CALIPER

Item No	Range		Depth	Resolution	Accuracy	Anvils	Force	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch										
141650305	0-300	0-12"	90	0,001	±25	4 pairs	8/4	IP67	•	•	•	•



INTERCHANGEABLE POINTS **WIRELESS** **SwissMet IP67** MICRON DIGITAL CALIPER

Item No	Range		Depth	Resolution	Accuracy	Anvils	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch									
141650506	0-500	0-20"	150	0,001	±30	4 pairs	IP67	•	•	•	•
141651006	0-1000	0-40"	150		±45			•	•	•	•

DELIVERY SET



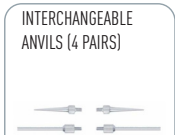
FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL



USB DATA/CHARGING CABLE



INTERCHANGEABLE ANVILS (4 PAIRS)



DOWNLOAD
MDS app WINDOWS





DOWNLOAD
MDS app iOS, MacOS





DOWNLOAD
MDS app ANDROID



OPTIONAL



DATAMET BUTTON



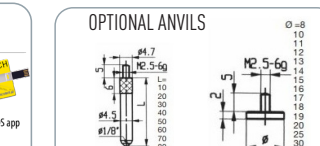
DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE

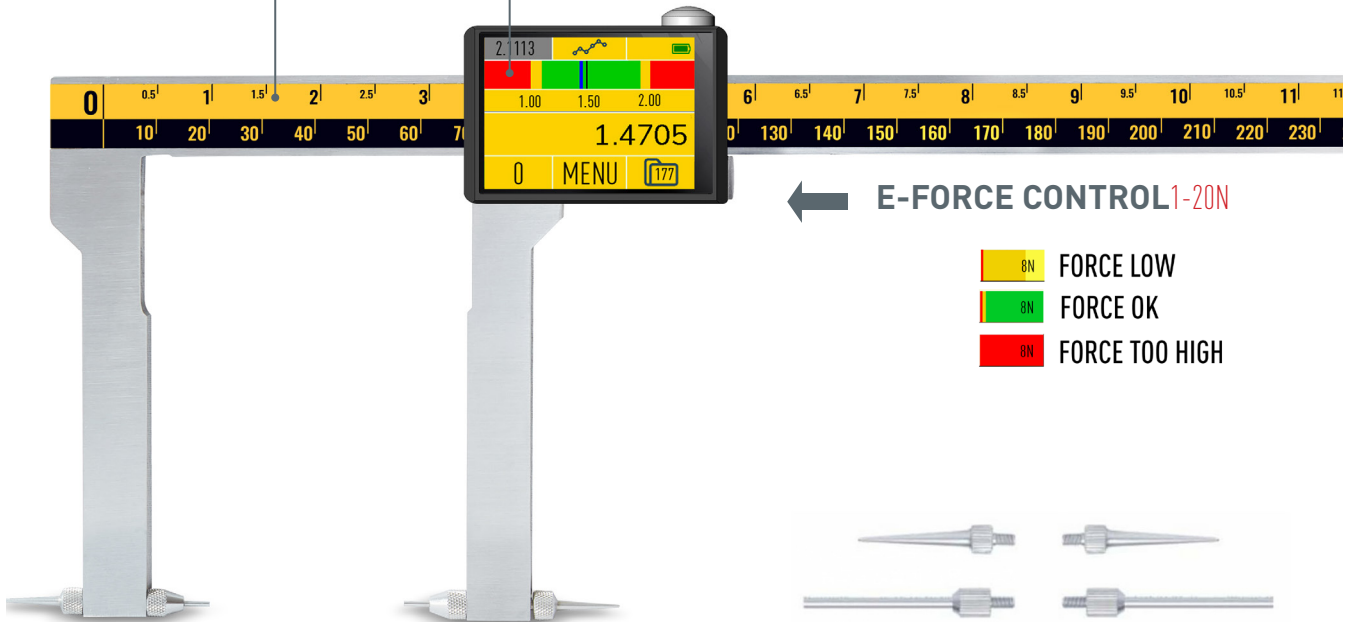
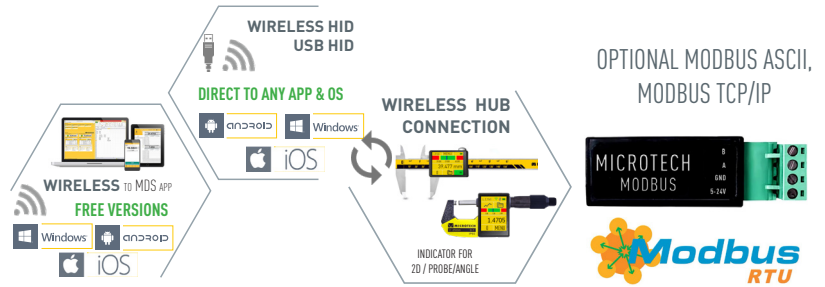


OPTIONAL ANVILS

TABLET MULTIFUNCTIONAL **MICS**
2.0" TOUCHSCREEN DISPLAY

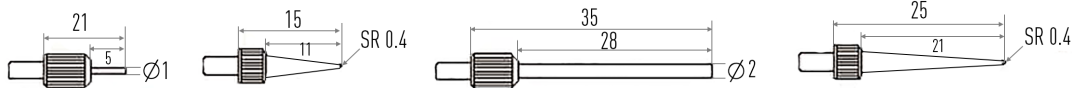


SWISS
READING
SYSTEM



E-FORCE CONTROL 1-20N

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH



4 PAIR ANVILS

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Interchangeable point caliper with 4 pairs of anvils for internal & external measurements
- MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

INTERCHANGEABLE POINT MICRON DataMet CALIPER

Item No	Range		Depth	Resolution	Accuracy	Anvils	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	mm	µm	SET	N													
141650308	0-300	0-12"	90		±25				•	•	•	•	•	•	•	•	•	•	•	•
141650508	0-500	0-20"	150	0,001	±30	4 pairs	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141651008	0-1000	0-40"	150		±40				•	•	•	•	•	•	•	•	•	•	•	•



INTERCHANGEABLE POINT MODBUS DataMet CALIPER

Item No	Range		Depth	Resolution	Accuracy	Anvils	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	mm	µm	SET	N																
141650308M	0-300	0-12"	90		±25				•	•	•	•	•	•	•	•	•	•	•	•	•		
141650508M	0-500	0-20"	150	0,001	±30	4 pairs	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
141651008M	0-1000	0-40"	150		±40				•	•	•	•	•	•	•	•	•	•	•	•	•		



DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

INTERCHANGEABLE ANVILS (4 PAIRS)

DOWNLOAD
MDS app WINDOWS

DOWNLOAD
MDS app iOS, MacOS

OPTIONAL

DATAmet BUTTON

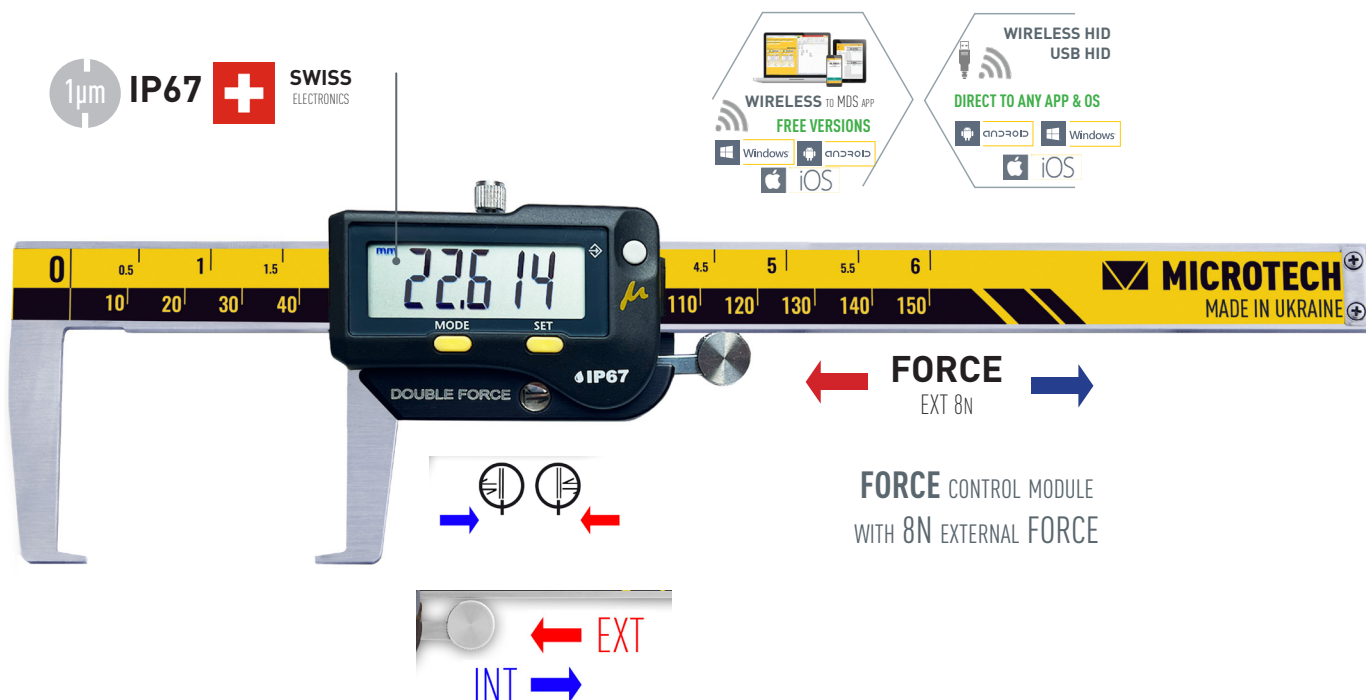
DATAmet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

OPTIONAL ANVILS

DOWNLOAD
MDS app ANDROID



SwissMet IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67



SWISS ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP

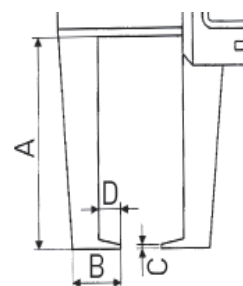
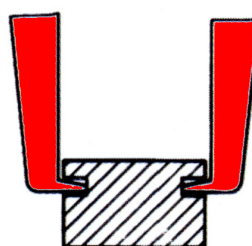


WIRELESS MDS app

HID



WIRELESS HID



	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

- **SwissMet** Outside groove caliper with flat points
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001 mm resolution
- Modification with **Force** control module with 8N external FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OUTSIDE GROOVE **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	N						
OUTSIDE GROOVE SWISSMET DIGITAL CALIPER IP67											
141430153	0-150	0-6"	0,01	±30	-	IP67	•	•	•	•	
141430203	0-200	0-8"		±30			•	•	•	•	
141430303	0-300	0-12"		±30			•	•	•	•	
OUTSIDE GROOVE SWISSMET WIRELESS CALIPER IP67											
141430154	0-150	0-6"	0,01	±30	-	IP67	•	•			•
141430204	0-200	0-8"		±30			•	•			•
141430304	0-300	0-12"		±30			•	•			•

OUTSIDE GROOVE **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	N						
OUTSIDE GROOVE SWISSMET MICRON FORCE DIGITAL CALIPER IP67											
141430156	0-150	0-6"	0,001	±10	8	IP67	•	•	•	•	
141430206	0-200	0-8"		±15			•	•	•	•	
141430306	0-300	0-12"		±20			•	•	•	•	
OUTSIDE GROOVE SWISSMET WIRELESS MICRON FORCE DIGITAL CALIPER IP67											
141430155	0-150	0-6"	0,001	±10	8	IP67	•	•			•
141430205	0-200	0-8"		±15			•	•			•
141430305	0-300	0-12"		±20			•	•			•



DELIVERY SET



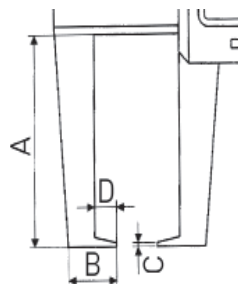
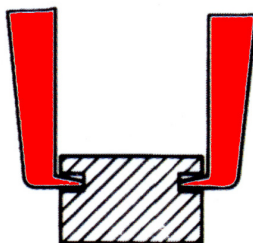
OPTIONAL



- **CertiMet** Outside groove caliper with flat points
- High quality Big screen digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Protection	USB HID
	mm	inch	mm	μm		
141430150	0-150	0-6"		±30		•
141430200	0-200	0-8"	0,01	±30	IP67	•
141430300	0-300	0-12"		±30		•



	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

DELIVERY SET



OPTIONAL

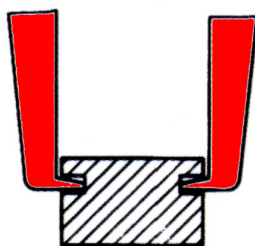
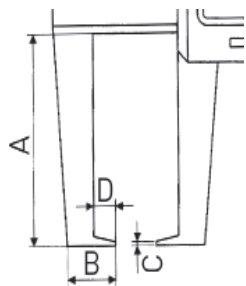
141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **DataMet** Outside groove caliper with flat points
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force control module** with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration certificate** included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch																
141430157	0-150	0-6"	0,005	±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141430207	0-200	0-8"		±25			•	•	•	•	•	•	•	•	•	•	•	•
141430307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•



	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8



DOWNLOAD
MDS app WINDOWS

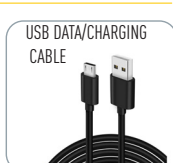


DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID

DELIVERY SET



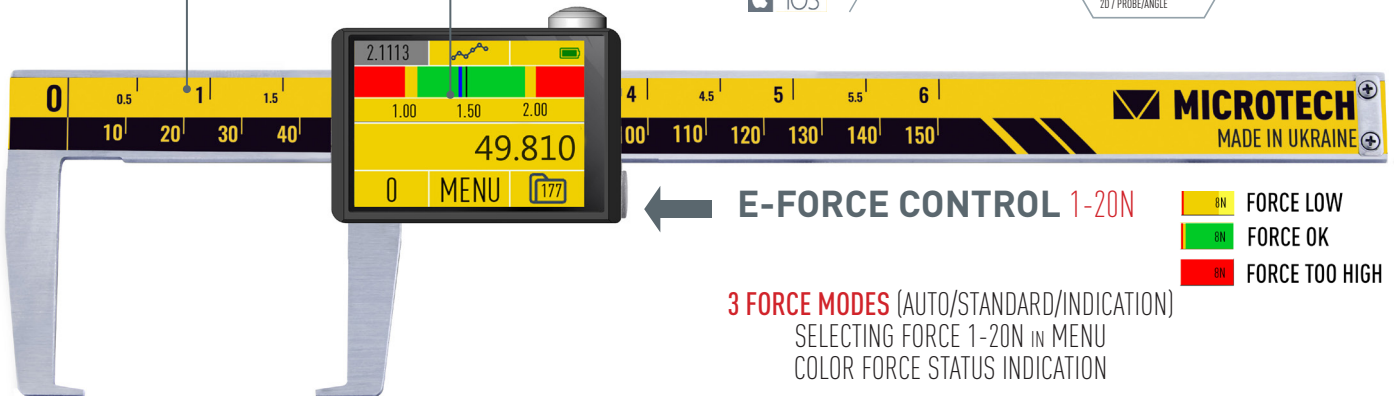
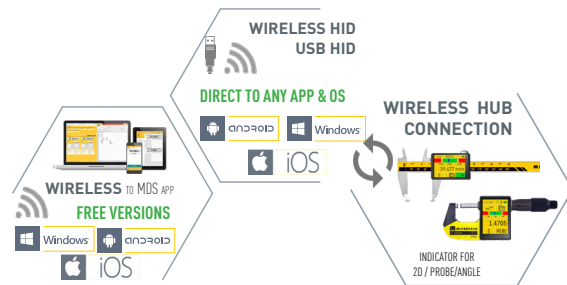
OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**
2.0" TOUCHSCREEN DISPLAY



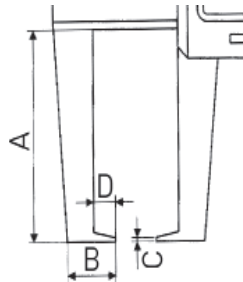
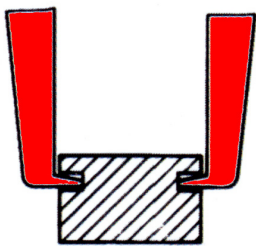
SWISS
READING
SYSTEM



E-FORCE CONTROL 1-20N

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION



	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

DATAmet FUNCTIONS

ANALOG SCALE

COLOR GO / NOGO

COLOR MAX / MIN / RANGE

TIMER

TOUCH PROBE SETTINGS

FORMULA Ax^2+Bx+C

GRAPHIC MODE 1D/2D

MEMORY 2000 values

FOLDERS mode

MEMORY STATISTICS

TEMPERATURE COMPENSATION

PASSWORD

DISPLAY & ENERGY

RESOLUTION, mm/inch

WIRELESS to MDS app

WIRELESS & USB HID

HUB mode (2D, Probe)

DEVICE INFO, UPDATE

- **DataMet** Outside groove caliper with flat points
- **MICRON** with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **MODIFICATION MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OUTSIDE GROOVE **MICRON DataMet** CALIPER

Item No	Range		Reso- lution	Accu- racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	µm	N													
141430158	0-150	0-6"		±10			•	•	•	•	•	•	•	•	•	•	•	•
141430208	0-200	0-8"	0,001	±15	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141430308	0-300	0-12"		±20			•	•	•	•	•	•	•	•	•	•	•	•

MODBUS OUTSIDE GROOVE **MICRON DataMet** CALIPER

Item No	Range		Reso- lution	Accu- racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	N																
141430158M	0-150	0-6"		±10			•	•	•	•	•	•	•	•	•	•	•	•	•		
141430208M	0-200	0-8"	0,001	±15	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
141430308M	0-300	0-12"		±20			•	•	•	•	•	•	•	•	•	•	•	•	•		


DataMet
interface

CONNECTION
possibilities

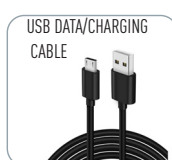
MODBUS
protocol

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MDS app WINDOWS

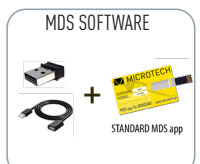
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MDS app iOS, MacOS

DOWNLOAD
MDS app ANDROID


DELIVERY SET



OPTIONAL





1 μ m

IP67



SWISS
ELECTRONICS



← **FORCE
CONTROL**

1 μ m

IP67



SWISS
ELECTRONICS



← **FORCE
CONTROL**

SWISSMET IP67 FUNCTIONS

PrE

PRESET

Unit

mm/inch

Hold

HOLD

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)



SWISS
ELECTRONICS

Swiss electronics

MDS APP

WIRELESS MDS app

HID

WIRELESS HID

- **SwissMet** Outside point caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Force** control module with 12N external FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OUTSIDE POINT **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Preset mm/inch	HOLD	S connect	
				Depth	D point							
	mm	inch	mm	mm	mm	µm	N					
141403143	0-300	0-12"	0,01	90	1	±30		IP67	●	●	●	●
141405143	0-500	0-20"		150	3	±40			●	●	●	●
141405153				300		±70			●	●	●	●
141410153	0-1000	0-40"		±70	●	●			●	●		

OUTSIDE POINT **WIRELESS SwissMet IP67** MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Preset	mm/inch	WIRELESS
				Depth	D point						
	mm	inch	mm	mm	mm	µm	N				
141403145	0-300	0-12"	0,001	90	1	±15	8	IP67	●	●	●
141405145	0-500	0-20"		150	±25	12	●		●	●	
141405155				300			3		●	●	●
141410155	0-1000	0-40"			±40				●	●	●



SwissMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS



DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



DELIVERY SET



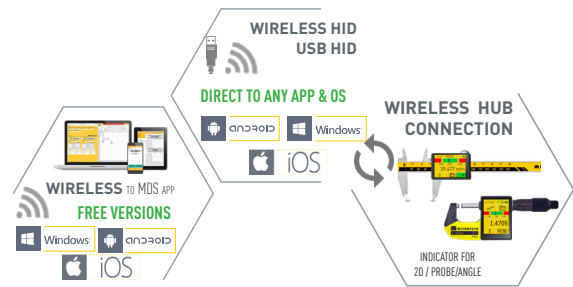
OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**
TOUCHSCREEN DISPLAY



SWISS
READING
SYSTEM



E-FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- **DataMet** Outside point caliper with e-Force control 1-20N
- Computerized **MICS** indication system with 0.01 or 0,001mm resolution **SWISS made reading system**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

OUTSIDE POINT **DataMet** CALIPER

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
				Depth	D point																		
	mm	inch	mm	mm	mm	µm	N																
141403147	0-300	0-12"	0.005	90	1	±25																	
141405147	0-500	0-20"	0,01	150	1	±40	1-20	IP54															
141405157				300	3																		
141410157	0-1000	0-40"				±60																	

OUTSIDE POINT **MICRON DataMet** CALIPER

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	
				Depth	D point																			
	mm	inch	mm	mm	mm	µm	N																	
141403148	0-300	0-12"	0,001	90	1	±15	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•	
141405148	0-500	0-20"		150	1	±25			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141405158				300	3	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141410158	0-1000	0-40"		•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS OUTSIDE POINT **MICRON DataMet** CALIPER

Item No	Range	Resolu- tion	Jaws		Accu- racy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP	
			Depth	D point																						
	mm	mm	mm	mm	µm	N																				
141403148M	0-300	0,001	90	1	±15	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•	•			
141405148M	0-500		150		±25							•	•	•	•	•	•	•	•	•	•	•	•	•		option
141405158M			300	3								•	•	•	•	•	•	•	•	•	•	•	•	•		option
141410158M	0-1000				±40																					



DataMet interface



CONNECTION possibilities



MODBUS protocol



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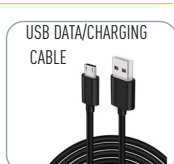
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MDS app ANDROID



DELIVERY SET



OPTIONAL

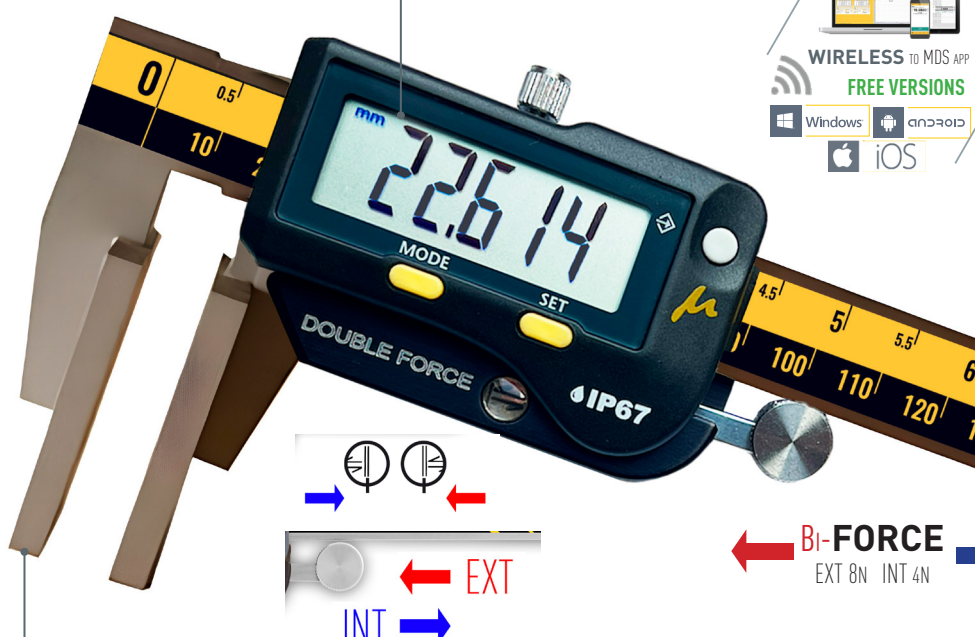
IP67  **SWISS**
ELECTRONICS



SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	Hold HOLD
SLEEP (sis) Auto ON/OFF	IP67 IP 67 (IEC60529)	 SWISS ELECTRONICS
MDS APP WIRELESS MDS app	HID WIRELESS HID	

 **IP67**  **SWISS**
ELECTRONICS



Bi-FORCE
EXT 8N INT 4N

Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

- **SwissMet** Digital ROPE caliper with or without FORCE control
- ROPE caliper for accurately measuring the diameter of ropes, wire ropes, cables, or cylindrical objects. It typically has wide jaws or large measuring surfaces to prevent measuring errors caused by uneven or soft surfaces of ropes
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

ROPE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Preset	mm/inch	HOLD	S connect
				Height	Width							
	mm	inch	mm	mm	mm	µm	N					
141490153	0-150	0-6"	0,01	30	60	±30			•	•	•	•
141490303	0-300	0-12"		30	60	±40		IP67	•	•	•	•
141490393	0-300	0-12"		90	20	±40			•	•	•	•

ROPE WIRELESS SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolu- tion	Jaws		Accu- racy	Force	Protection	Preset	mm/inch	HOLD	WIRELESS
				Height	Width							
	mm	inch	mm	mm	mm	µm	N					
141490156	0-150	0-6"	0,001	30	60	±15			•	•	•	•
141490306	0-300	0-12"		30	60	±20	8N	IP67	•	•	•	•
141490396	0-300	0-12"		90	20	±30			•	•	•	•


SwissMet
interface

CONNECTION
possibilities

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DELIVERY SET
FREE VERSIONS OF MDS APP


CALIBRATION PROTOCOL

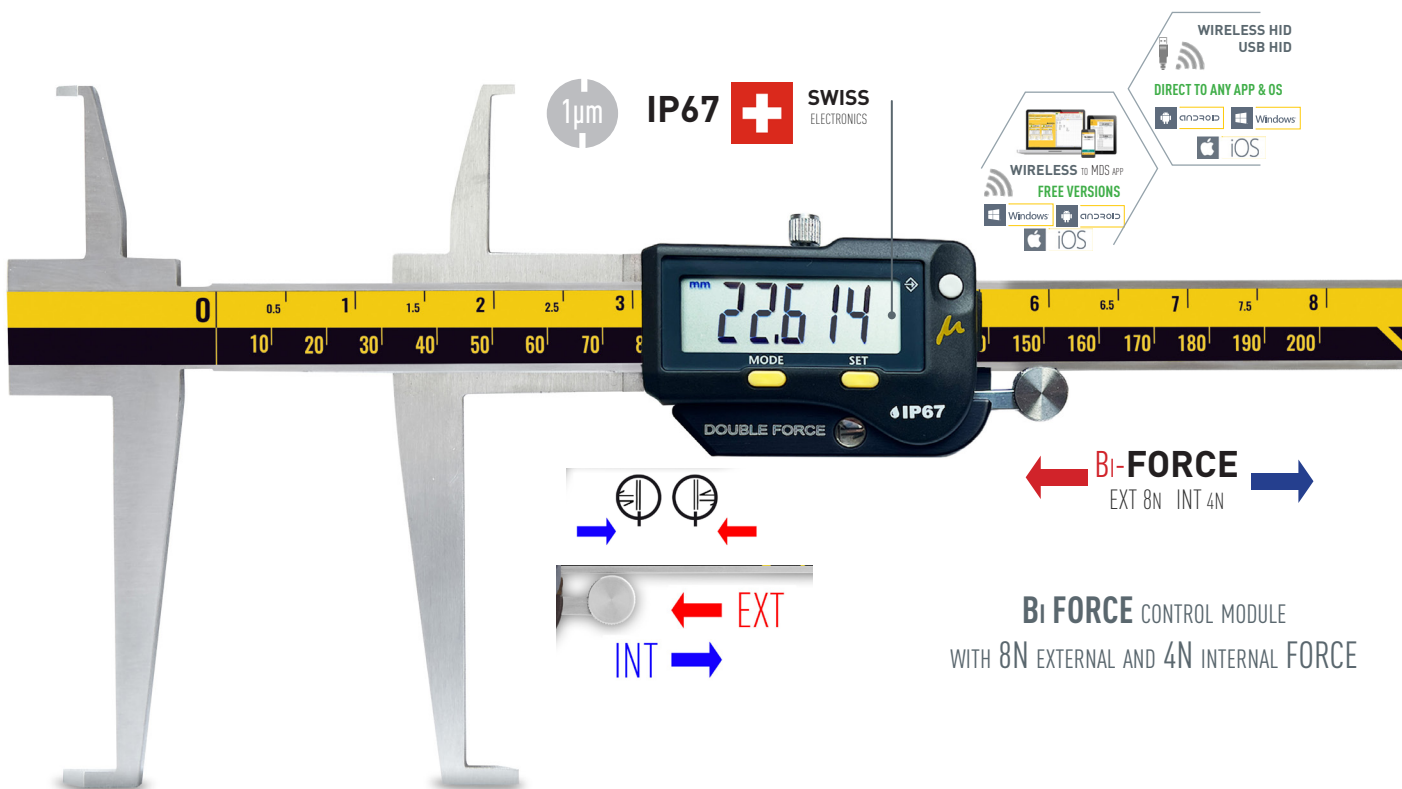
OPTIONAL
DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE


STANDARD MDS app



SwissMet IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	
WIRELESS MDS app	WIRELESS HID	

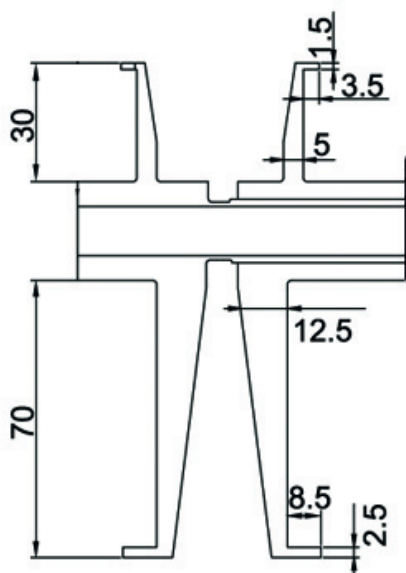
- **SwissMet** Inside groove caliper with Double internal jaws (30+70mm)
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- Calibration certificate included (ISO17025 (Ilac MRA))

INSIDE GROOVE **SwissMet IP67** DIGITAL CALIPER

Item No	Range				Jaws		Pins		Reso- lution	Accu- racy	FORCE	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	upper		lower		upper	lower	upper	lower									
	mm	inch	mm	inch													
INSIDE GROOVE DIGITAL CALIPER IP67																	
141220203	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30		IP67	•	•	•	•	
141220303	9-300	0.4-12"	17-300	0,7-12"						±40			•	•	•	•	
INSIDE GROOVE WIRELESS CALIPER IP67																	
141220204	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30		IP67	•	•			•
141220304	9-300	0.4-12"	17-300	0,7-12"						±40			•	•			

INSIDE GROOVE **WIRELESS** **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

Item No	Range				Jaws		Pins		Reso- lution	Accu- racy	FORCE	Protection	Preset	mm/inch	HOLD	WIRELESS
	upper		lower		upper	lower	upper	lower								
	mm	inch	mm	inch												
141220205	9-200	0.4-8"	17-200	0.7-8"	30	70	3,5x1,5	8,5x2,5	0,001	±20	8/4	IP67	•	•	•	•
141220305	9-300	0.4-12"	17-300	0.7-12"						±25			•	•	•	•



SwissMet
interface



CONNECTION
possibilities



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MDS app WINDOWS




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MDS app iOS, MacOS

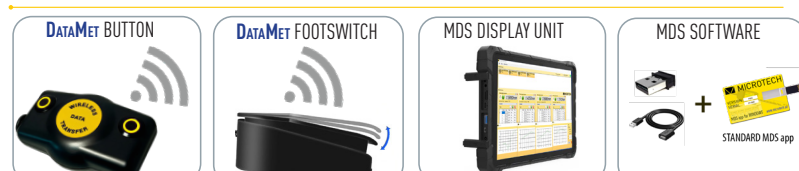



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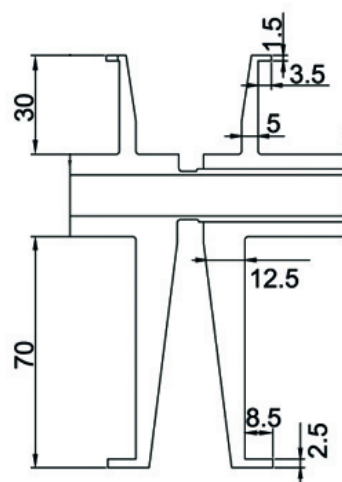
OPTIONAL



- **CertiMet** Inside groove caliper with Double internal jaws (30+70mm)
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range				Jaws		Pins		Resolution	Accuracy	Protection	USB HID
	upper		lower		upper	lower	upper	lower				
	mm	inch	mm	inch	mm	mm	mm	mm				
141220200	9-200	0.4-8"	17-200	0.7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30	IP54	•
141220300	9-300	0.4-12"	17-300	0.7-12"						±40		•



DELIVERY SET

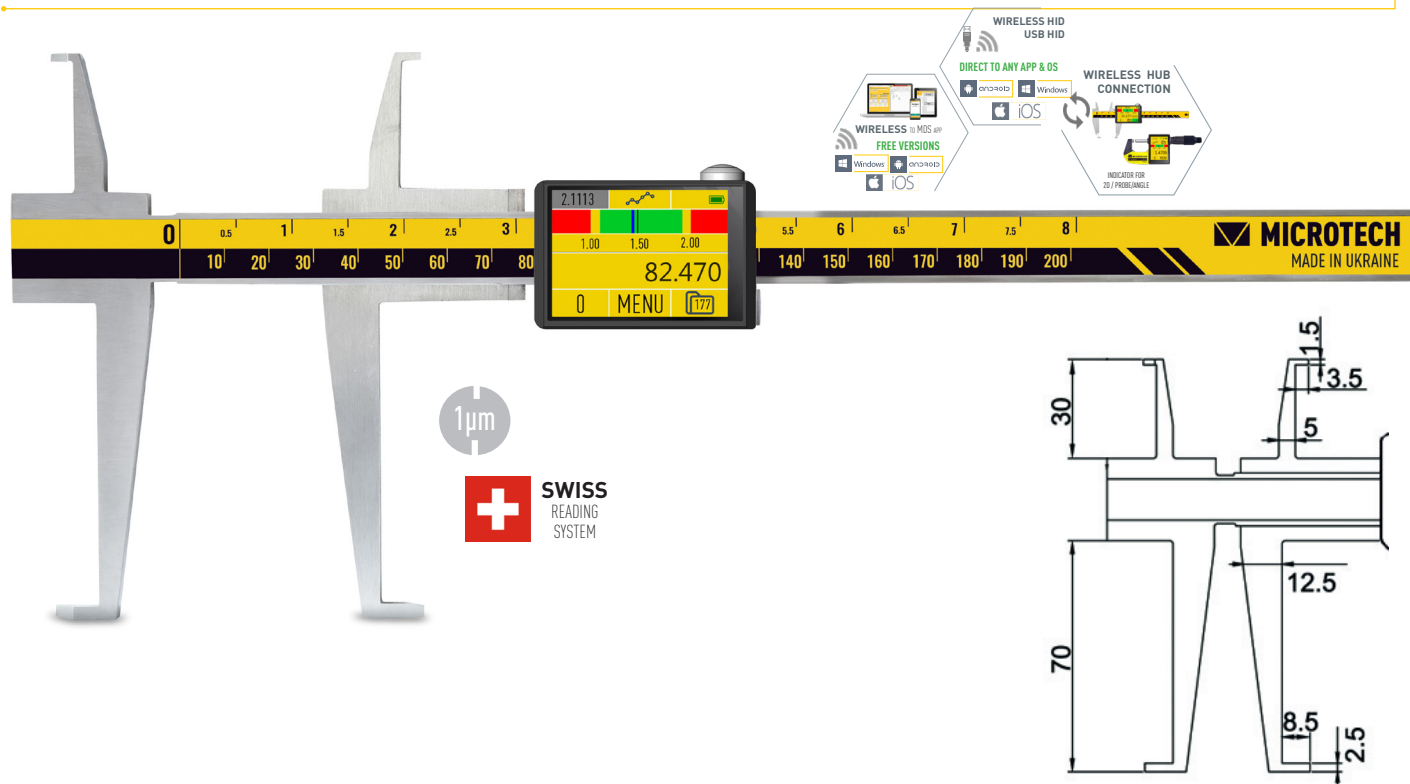


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **DataMet** Inside groove caliper with Double internal jaws (30+70mm)
- Computerized **MICS** indication system with 0.01 or 0,001mm resolution **SWISS made reading system**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range				Jaws		Pins		Reso- lution	Accu- racy	FORCE	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Calibr date	Memory	WIRELESS	USB HID	MODBUS RTU
	upper		lower		upper	lower	upper	lower															
	mm	inch	mm	inch																			
141220208	9-200	0.4-8"	17-200	0.7-8"	30	70	3,5x1,5	8,5x2,5	0,001	±20	-	IP54	•	•	•	•	•	•	•	•	•	•	•
141220308	9-300	0.4-12"	17-300	0.7-12"					0,001	±25			•	•	•	•	•	•	•	•	•	•	•



DataMet interface



CONNECTION possibilities



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MDS app iOS, MacOS



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MDS app ANDROID



DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING CABLE



OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- **SwissMet** Inside point digital caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01mm resolution
- Modification with **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



SwissMet IP67 FUNCTIONS

PrE	Unit	I Hold
PRESET	mm/inch	HOLD
SLEEP (sis)	IP67	
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP		HID
WIRELESS MDS app		WIRELESS HID

CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range		Resolu- tion	Jaws		Accu- racy	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch		Depth	D point					
INSIDE POINT DIGITAL CALIPER IP67										
141305143	42-542	1.7-22"	0,01	150	1	±50	•	•	•	
141305153	75-575	3-23"		300	3		•	•	•	
141310153	85-1000	4-44"				±80	•	•	•	
INSIDE POINT WIRELESS CALIPER IP67										
141305144	42-542	1.7-22"	0,01	150	1	±50	•	•	•	•
141305154	75-575	3-23"		300	3		•	•	•	•
141310154	85-1000	4-44"				±80	•	•	•	•



SwissMet
interface



CONNECTION
possibilities



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MDS app WINDOWS

Windows



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MDS app iOS, MacOS

macOS
iOS



DOWNLOAD
MDS app ANDROID

android

DELIVERY SET



OPTIONAL



- **DataMet** Inside point caliper
- Computerized **MICS** indication system with 0.01 resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



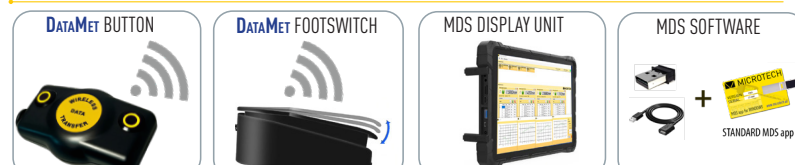
Item No	Range		Resolution	Jaws		Accuracy	Measuring HUB	Analog scale	Line Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	MODBUS RTU
	mm	inch	mm	Depth	D point	µm																
141305147	42-52	1.7-22"	0,01	150	1	±40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option
141305157	75-575	3-23"		300	3	±60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141310157	85-1085	4-44"					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	



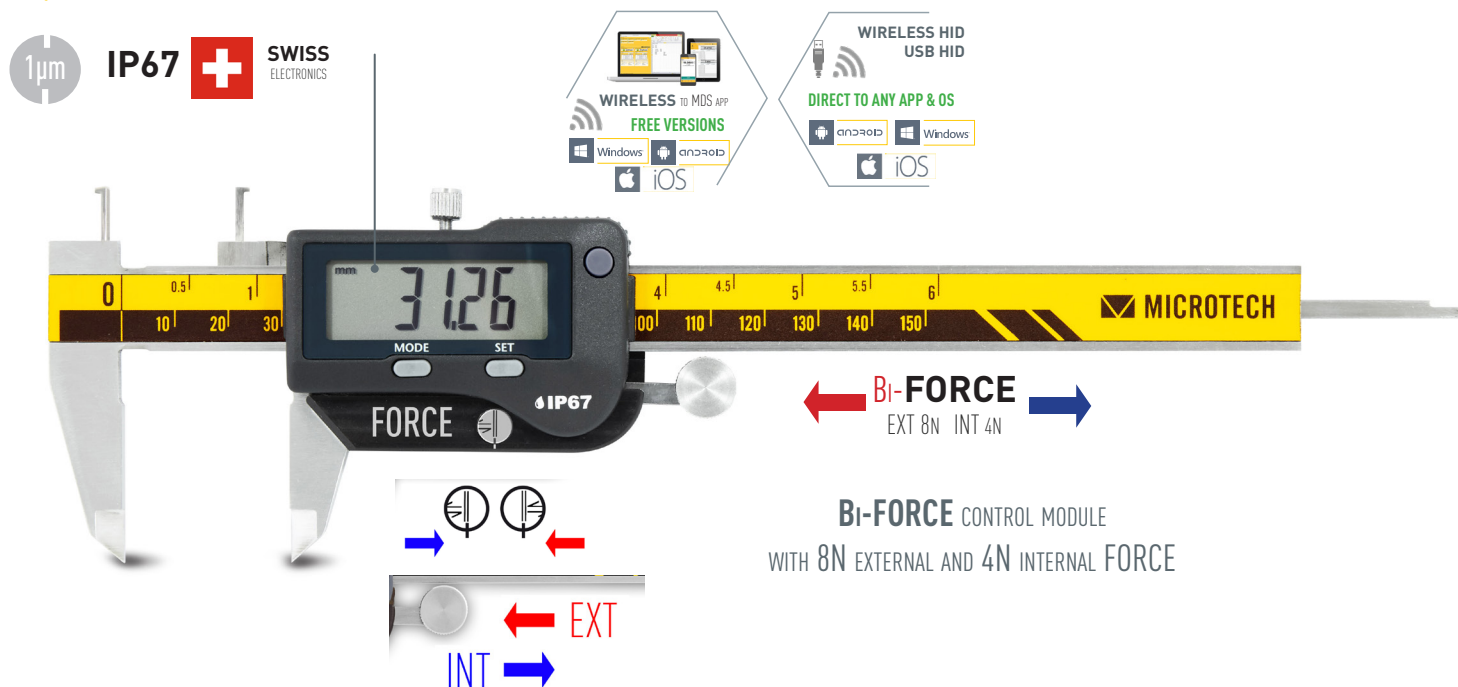
DELIVERY SET



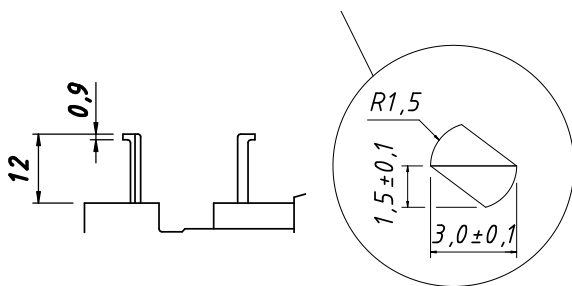
OPTIONAL



- **SwissMet** digital small grooves caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range				Reso- lution	Bi- force	Accuracy	Protection	mm/inch	Preset	Auto on/off	HOLD	S_connect	WIRELESS
	External		Internal											
	mm	inch	mm	inch			mm							
141830156					0,001	N	µm		•	•	•	•	•	
141830153	0-150	0-6"	3-150	0,12-6"		8 ext	±15	IP67	•	•	•	•	•	
141830154					0,01	4 int	±20		•	•	•			
							±20		•	•	•			•



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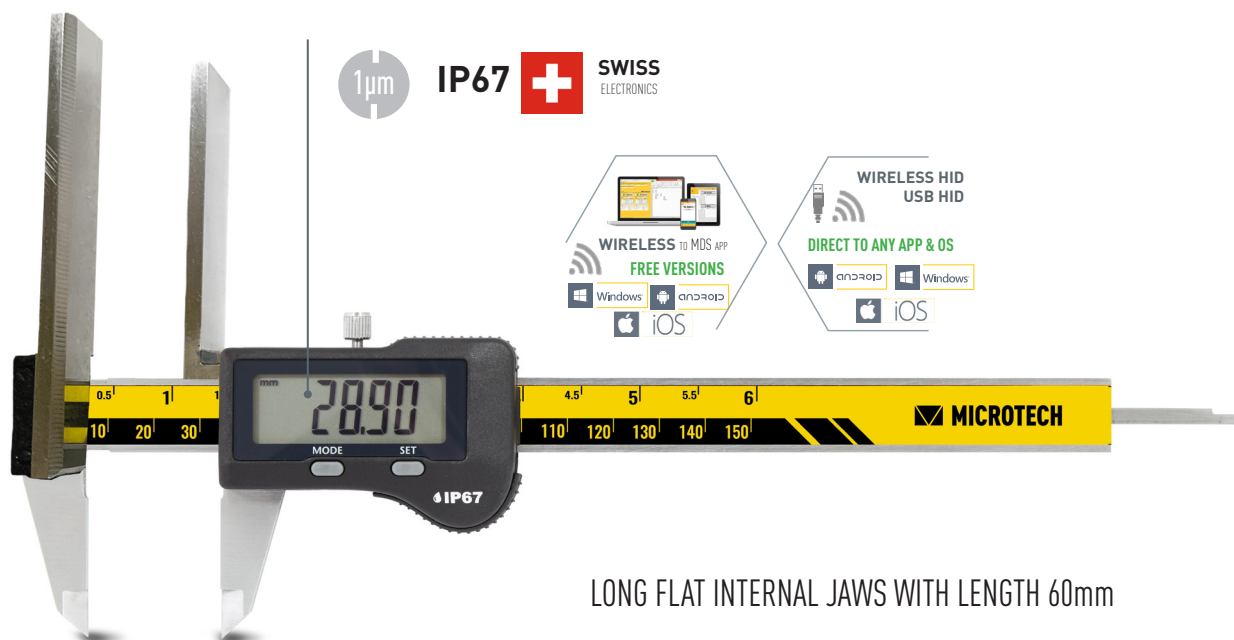
DELIVERY SET



OPTIONAL



- **SwissMet** digital Flat internal jaws caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Double Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Bi-force	Accuracy	Jaws		Protection	mm/inch	Preset	Auto on/off	HOLD	S_connect	WIRELESS
	mm	inch				External	Internal							
141840156	0-150	0-6"	0.001	8/4	±20	40	60	IP67						
141840153			0.01	-	±30									
141840154					±30									

SwissMet IP67 FUNCTIONS

PrE
 PRESET
 SLEEP (sis)
 Auto ON/OFF

Unit
 mm/inch
IP67
 IP 67 (IEC60529)

I Hold
 HOLD

 Swiss electronics

MDS APP
 WIRELESS MDS app

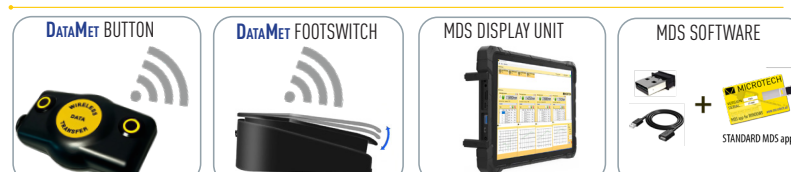
HID
 WIRELESS HID

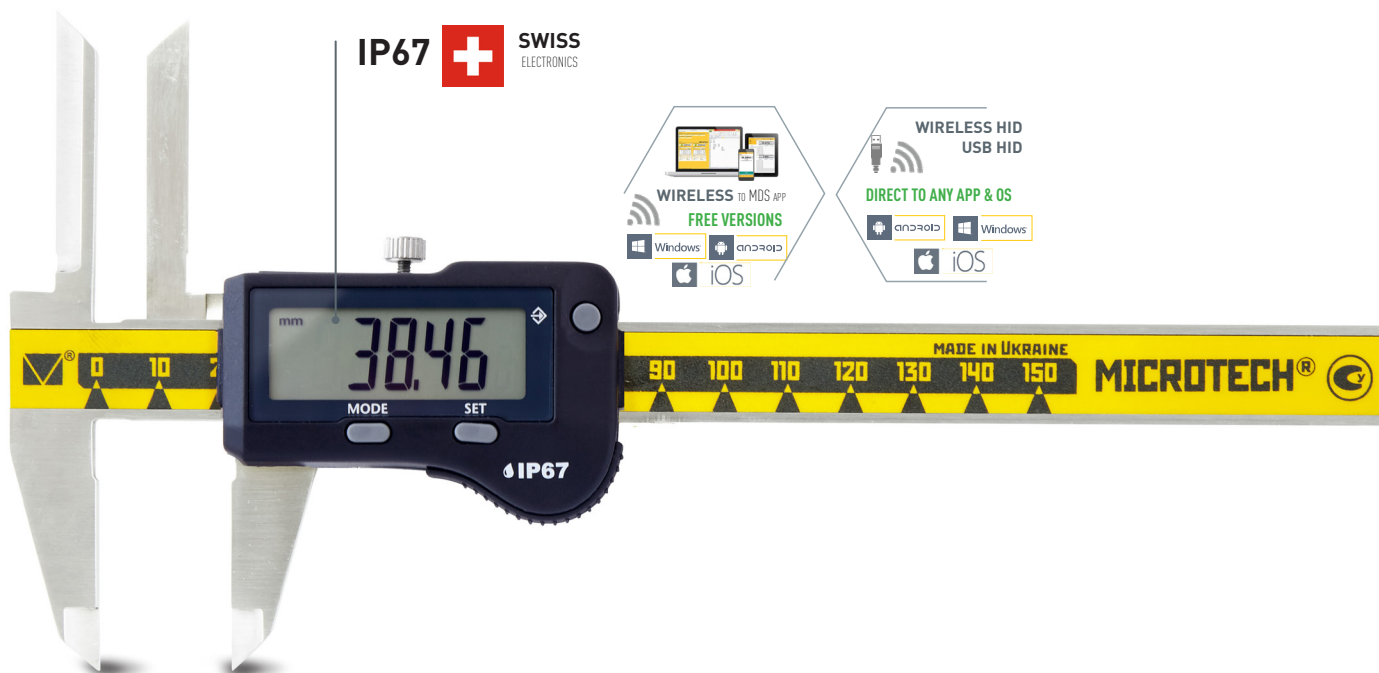


DELIVERY SET



OPTIONAL





IP67  **SWISS ELECTRONICS**



1μm **IP67**  **SWISS ELECTRONICS**



Bi-FORCE
EXT 8N INT 4N

Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	
WIRELESS MDS app	WIRELESS HID	

- **SwissMet** digital Long internal Jaw calipers (Internal jaw 41.5mm)
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

LONG INTERNAL JAWS **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Jaws		Protection	mm/inch	Preset	HOLD	S_connect	WIRELESS
					External	Internal						
	mm	inch	mm	µm	mm	mm						
LONG INTERNAL JAW DIGITAL CALIPER IP67												
141130153	0-150	0-6"	0,01	±30	40	41.5	IP67	●	●	●	●	
141130303	0-300	0-12"		±40								
LONG INTERNAL JAW WIRELESS CALIPER IP67												
141130154	0-150	0-6"	0,01	±30	40	41.5	IP67	●	●			●
141130304	0-300	0-12"		±40								

LONG INTERNAL JAWS **SwissMet IP67 WIRELESS MICRON FORCE** DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Jaws		Force	Protection	mm/inch	Preset	WIRELESS
					External	Internal					
	mm	inch	mm	µm	mm	mm	N				
141130155	0-150	0-6"	0,001	±15	40	41.5	EXT 8	IP67	•	•	•
141130305	0-300	0-12"		±20			INT 4				



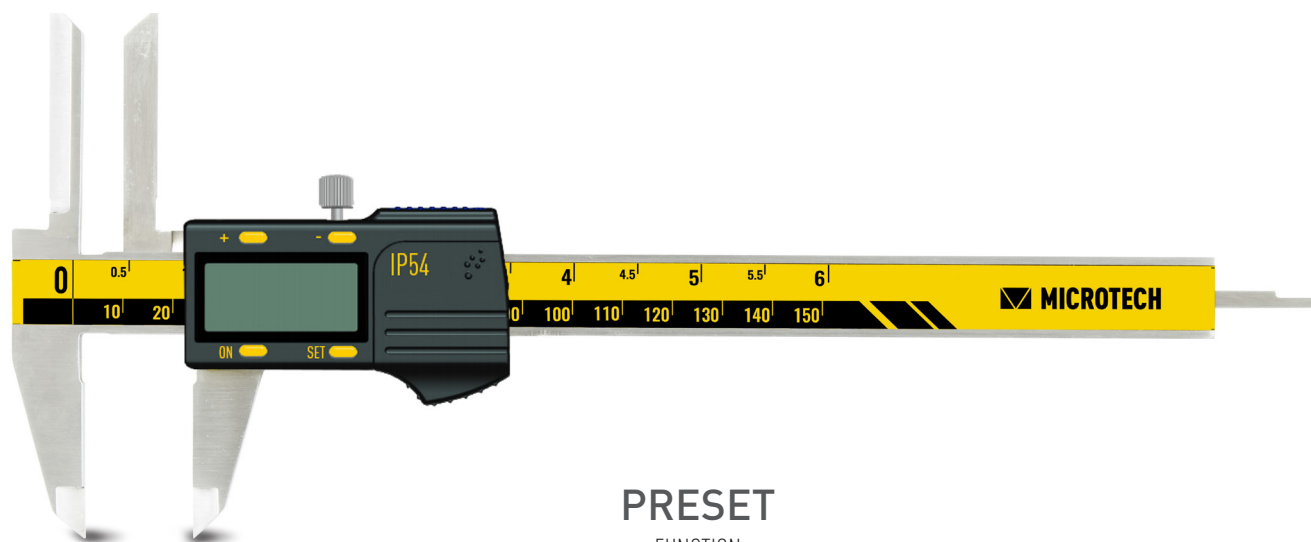
DELIVERY SET



OPTIONAL



- **CertiMet** Long jaw Internal caliper with PRESET function
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Jaws		Protection	mm/inch	Preset	USB
					External	Internal				
	mm	inch	mm	μm	mm	mm				
141130151	0-150	0-6"	0,01	±30	40	41.5	IP54	•	•	•
141130301	0-300	0-12"		±40						

DELIVERY SET

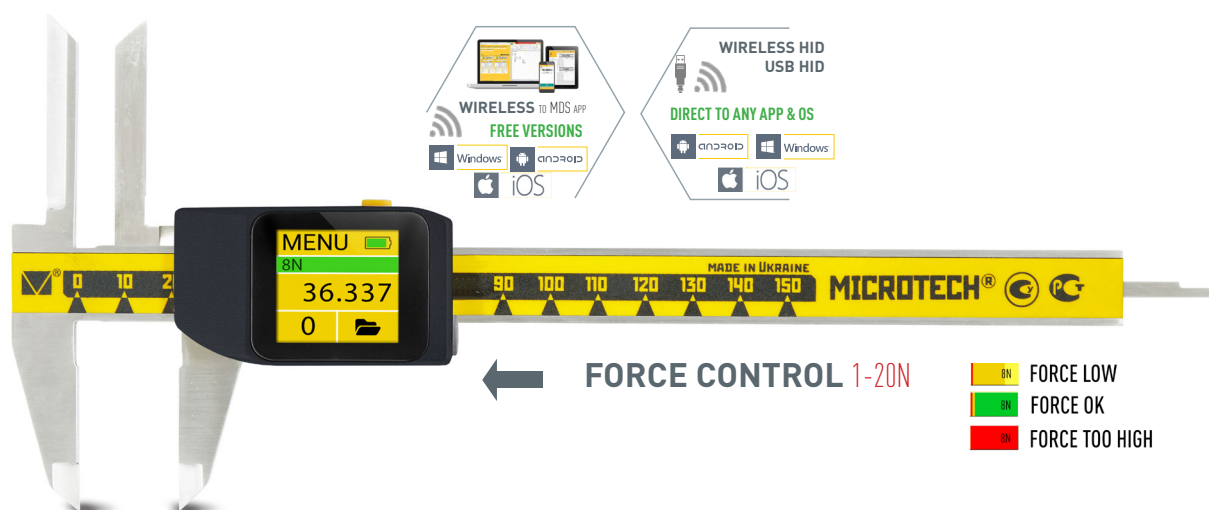


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **DataMet** Long internal jaw (41.5mm) caliper
- Computerized **MICS** indication system with 0.005 resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Jaws		Protection	mm/inch	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	USB	WIRELESS
	mm	inch			External	Internal														
141130157	0-150	0-6"	0,005	±20	40	41.5	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141130307	0-300	0-12"		±30				•	•	•	•	•	•	•	•	•	•	•	•	•



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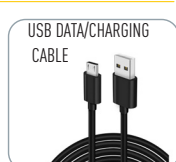
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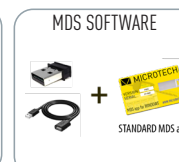
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MDS app ANDROID



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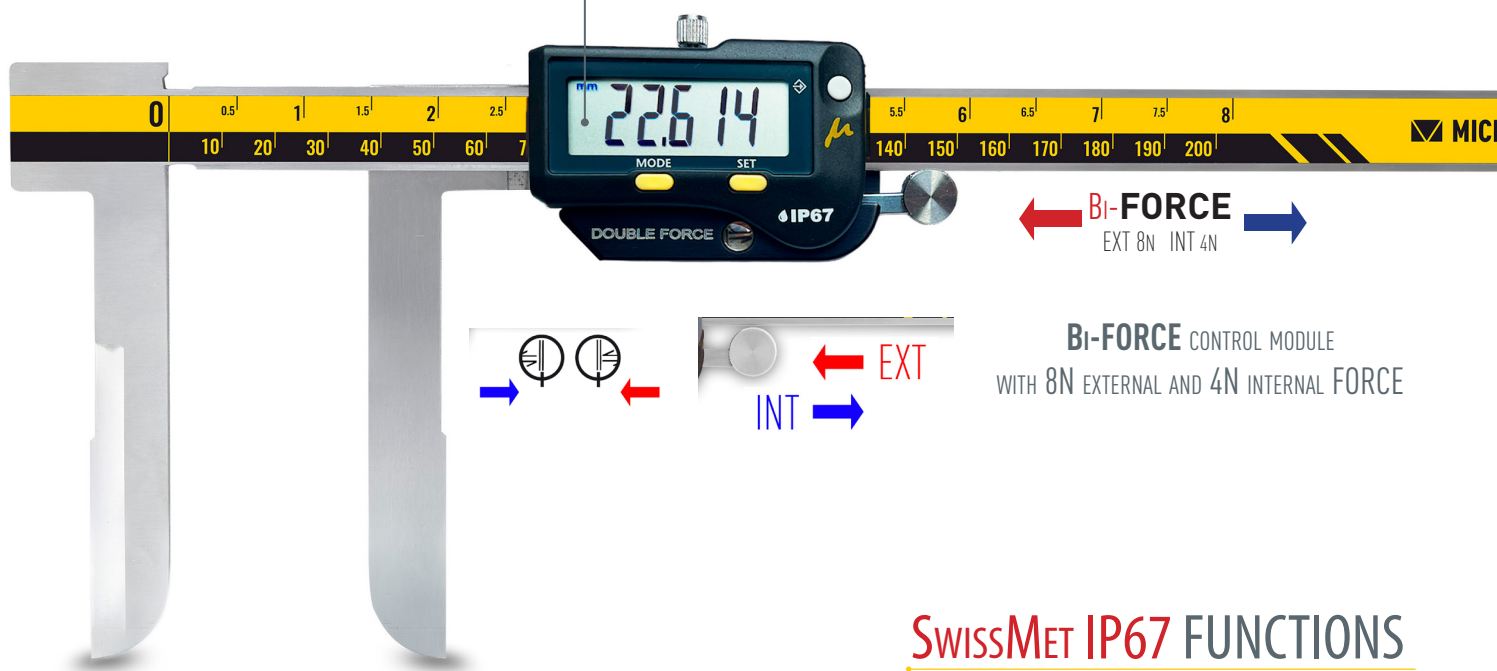


OPTIONAL

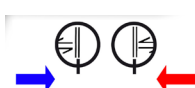




1 μ m IP67  SWISS ELECTRONICS



Bi-FORCE
EXT 8N INT 4N



Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMET IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	Hold HOLD
SLEEP (SIS) Auto ON/OFF	IP67 IP 67 (IEC60529)	 SWISS ELECTRONICS Swiss electronics
MDS APP WIRELESS MDS app		HID  WIRELESS HID

- **SwissMet** digital Knife edge inside caliper with jaw length 100 or 150 mm
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

KNIFE EDGE INSIDE **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Depth	Protection	Preset	mm/inch	HOLD	S connect	WIRELESS
	mm	inch	mm	µm	mm						
KNIFE EDGE INSIDE DIGITAL CALIPER IP67											
141210203	22-200	0.8-8"	0,01	±30	100	IP67	•	•	•	•	
141210303	22-300	0.8-12"		±40	150		•	•	•	•	
KNIFE EDGE INSIDE WIRELESS CALIPER IP67											
141210204	22-200	0.8-8"	0,01	±30	100	IP67	•	•			•
141210304	22-300	0.8-12"		±40	150		•	•			

KNIFE EDGE INSIDE **WIRELESS SwissMet IP67** MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Depth	Force	Protection	Preset	mm/inch	WIRELESS
	mm	inch								
141210205	22-200	0.8-8"	0,001	±30	100	EXT 8	IP67	•	•	•
141210305	22-300	0.8-12"		±30	150	INT 4		•	•	•



DELIVERY SET



OPTIONAL



- **CertiMet** Knife edge digital inside caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Depth	Protection	USB
	mm	inch	mm	μm	mm		
141210200	22-200	0.8-8"	0,01	±30	100	IP54	•
141210300	22-300	0.8-12"		±50	150		•

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **DataMet** Knife edge inside caliper
- Computerized **MICS** indication system with 0.005 mm resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Depth	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm														
141210207	22-200	0.8-8"	0.005	±20	100	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141210307	22-300	0.8-12"		±40	150		•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS



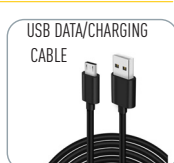
DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



DELIVERY SET



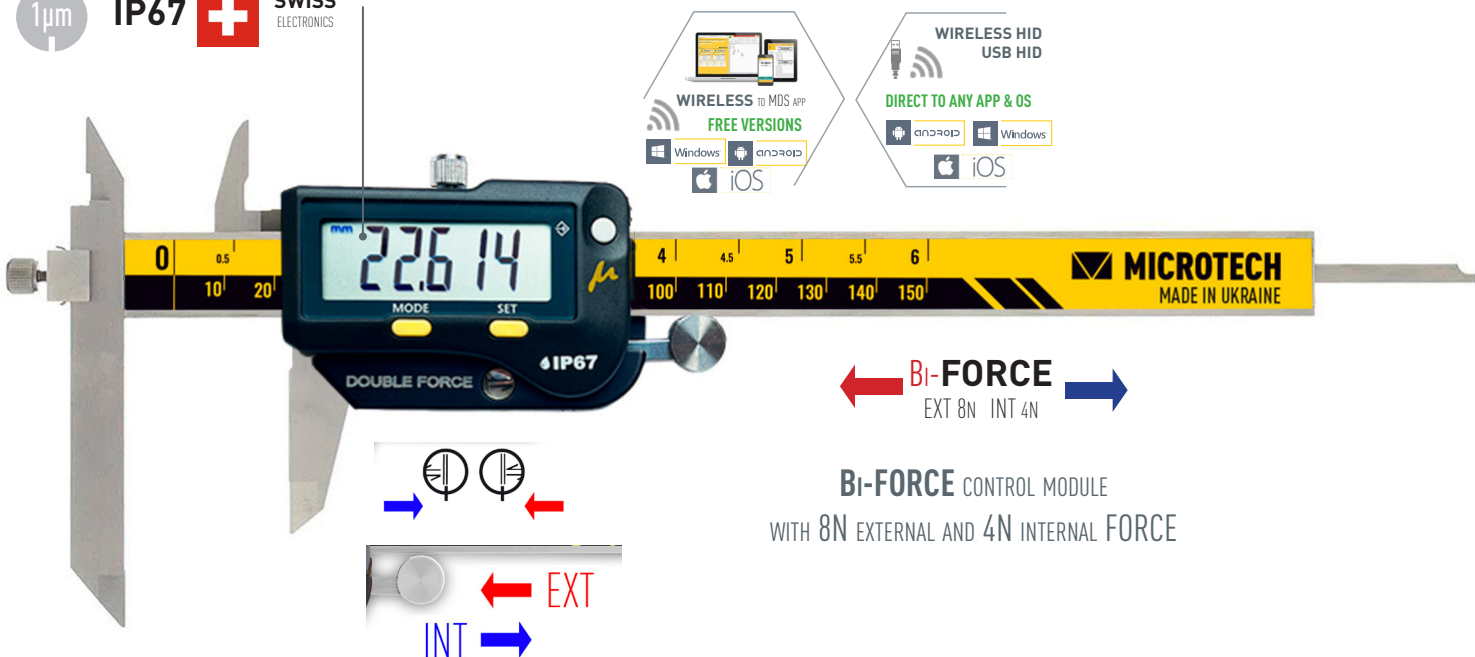
OPTIONAL



IP67  **SWISS**
ELECTRONICS



 **IP67**  **SWISS**
ELECTRONICS



SwissMet IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67

 **SWISS**
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP 

WIRELESS MDS app

HID 

WIRELESS HID

- **SwissMet** digital OFFSET caliper for measure hard to get dimensions
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001 mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OFFSET **SwissMet IP67** DIGITAL CALIPER

Item No	Range	Jaws		Reso- lution	Accu- racy	Force	Protection	Preset	mm/inch	HOLD	S. connect	WIRELESS
		slide	fix									
	mm	mm	mm	mm	µm	N						
OFFSET DIGITAL CALIPER IP67												
141740153	0-150	110	40	0,01	±30		IP67	•	•	•	•	
141740303	0-300	130	60		±40			•	•	•	•	
OFFSET WIRELESS CALIPER IP67												
141740154	0-150	110	40	0,01	±30		IP67	•	•			•
141740304	0-300	130	60		±40			•	•			•

OFFSET **WIRELESS** **SwissMet IP67** MICRON FORCE DIGITAL CALIPER

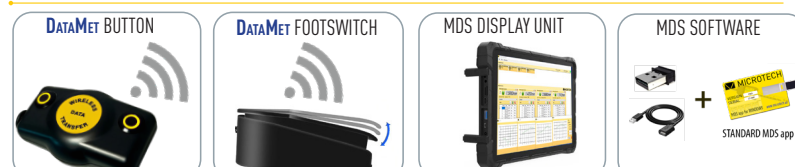
Item No	Range	Jaws		Resolution	Accuracy	Force	Protection	Preset	mm/inch	WIRELESS
		slide	fix							
		mm	mm		µm	N				
141740155	0-150	110	40	0,001	±15	EXT 8	IP67	•	•	•
141740305	0-300	130	60		±20	INT 4		•	•	•



DELIVERY SET



OPTIONAL



- **CertiMet** Offset digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Jaws		Reso- lution	Accu- racy	Protection	USB
		slide	fix				
		mm	mm		mm		
141740150	0-150	110	40	0,01	±30	IP54	•
141740300	0-300	130	60		±40		•

DELIVERY SET

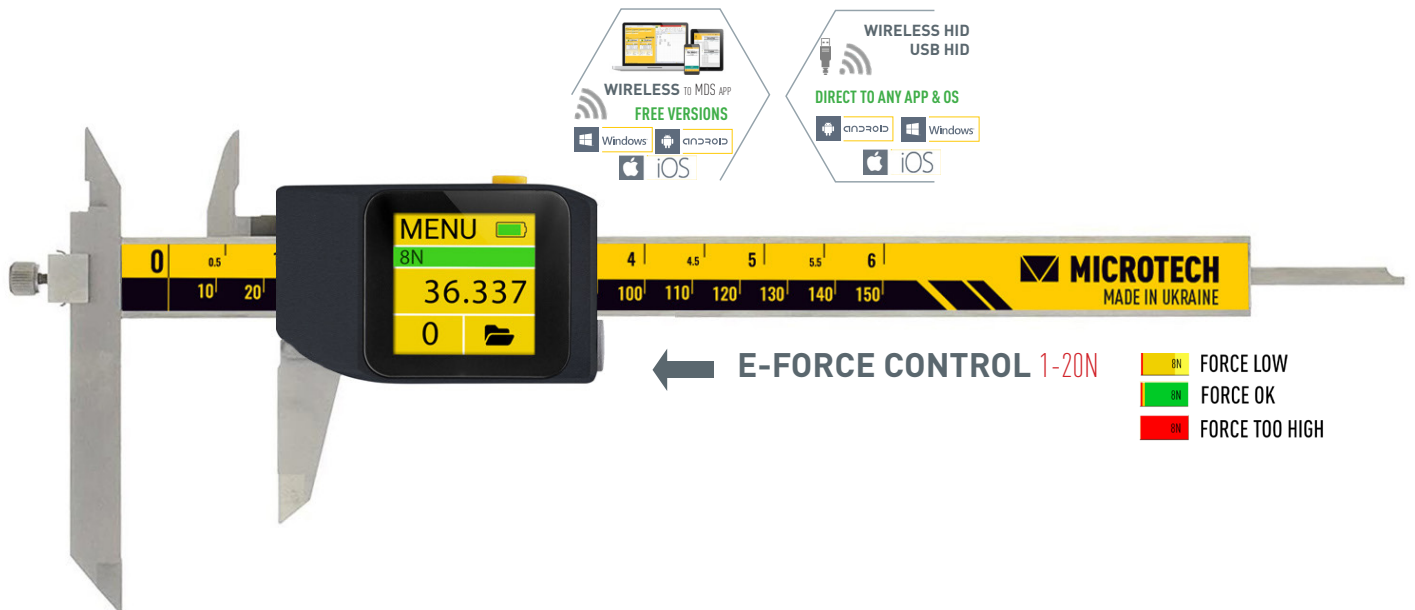


OPTIONAL

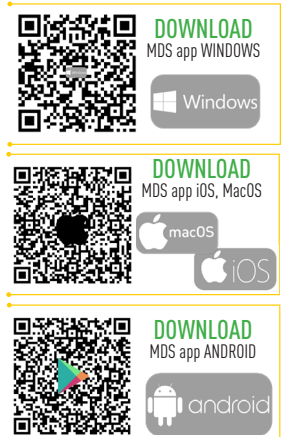
141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **DataMet** Offset caliper
- Computerized **MICS** indication system with 0.005 resolution
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



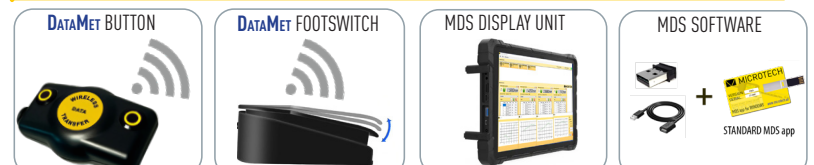
Item No	Range	Jaws		Resolution	Accuracy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
		slide	fix																	
141740157	0-150	110	40	0,005	±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141740307	0-300	130	60	0,005	±30	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•



DELIVERY SET



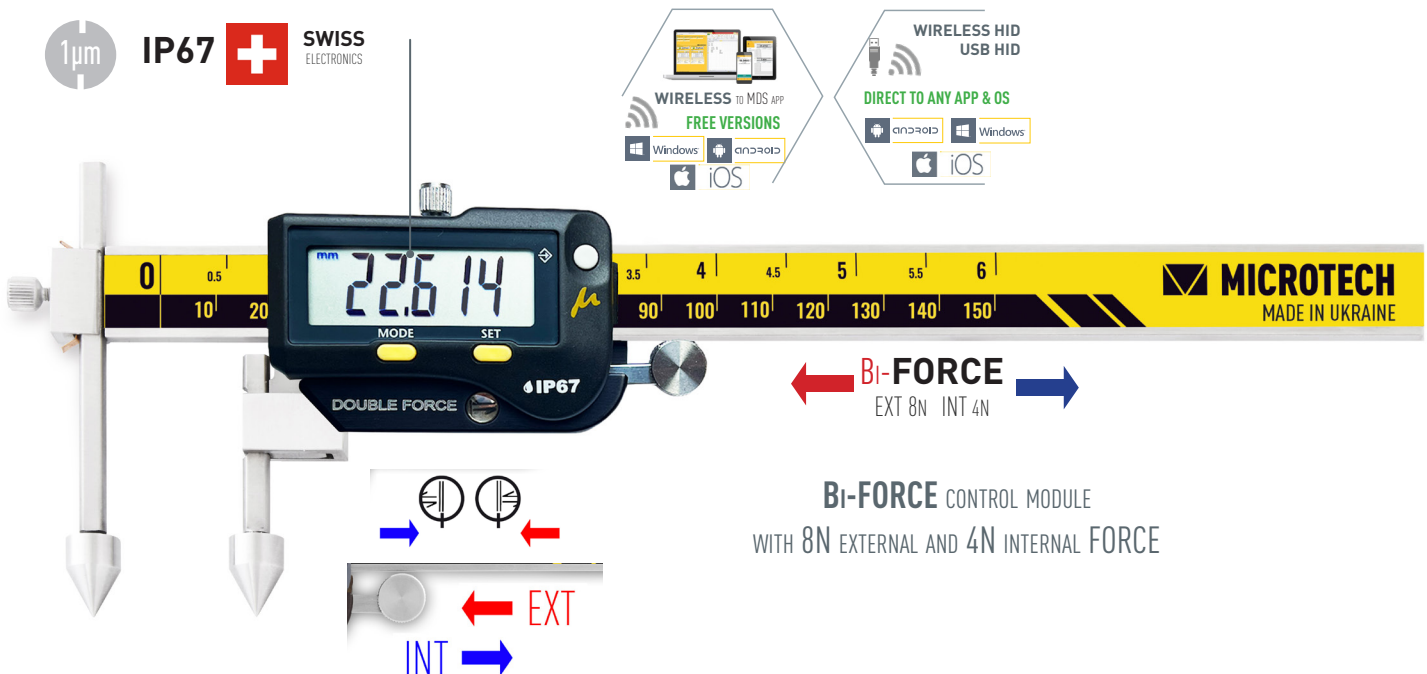
OPTIONAL



IP67  **SWISS ELECTRONICS**



1μm **IP67**  **SWISS ELECTRONICS**



SwissMet IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67



Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics



WIRELESS MDS app



WIRELESS HID



CUSTOM RANGE AND ANVILS FOR REQUEST

- **SwissMet** digital OFFSET CENTERLINE caliper for hole center distance measurements
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

OFFSET CENTERLINE **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvil D		Protection	Preset	mm/inch	Auto on/off	HOLD	S connect	WIRELESS				
					standard	option											
	mm	inch			mm	µm								mm	mm		
OFFSET CENTERLINE DIGITAL CALIPER IP67																	
141730153	10-160	0.4-6.4"	0,01	±30	10	20, 35	IP67	•	•	•	•	•					
141730203	10-210	0.4-8.4"										•	•	•	•	•	
141730303	10-310	0.4-12.4"										•	•	•	•	•	
141730513	20-520	0.8-20.4"										•	•	•	•	•	
141731013	20-1020	0.8-40.4"		±40	20	35, 50			•	•	•	•	•				
141731513	20-1520	0.8-40.4"		±50					•	•	•	•	•				
141732013	20-2020	0.8-60.4"		±60					•	•	•	•	•				
141733013	20-3020	0.8-80.4"		±70					•	•	•	•	•				
OFFSET CENTERLINE WIRELESS CALIPER IP67																	
141730154	10-160	0.4-6.4"	0,01	±30	10	20, 35	IP67	•	•	•			•				
141730204	10-210	0.4-8.4"										•	•	•			•
141730304	10-310	0.4-12.4"										•	•	•			•
141730514	20-520	0.8-20.4"										•	•	•			•
141731014	20-1020	0.8-40.4"		±40	20	35, 50			•	•	•			•			
141731514	20-1520	0.8-40.4"		±50					•	•	•			•			
141732014	20-2020	0.8-60.4"		±60					•	•	•			•			
141733014	20-3020	0.8-80.4"		±70					•	•	•						



SwissMet
interface



CONNECTION
possibilities

OFFSET CENTERLINE **WIRELESS MICRON FORCE SwissMet IP67** DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Anvil D		Force	Protection	Preset	mm/inch	Auto on/off	WIRELESS
					standard	option						
	mm	inch	mm	μm	mm	mm	N					
141730155	10-160	0.4-6.4"	0,001	±20	10	20, 35	EXT 8 INT 4	IP67				
141730205	10-210	0.4-8.4"										
141730305	10-310	0.4-12.4"										
141730515	20-520	0.8-20.4"										
141731015	20-1020	0.8-40.4"		±30	20	35, 50	EXT 12					



DOWNLOAD
MDS app WINDOWS



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MDS app iOS, MacOS

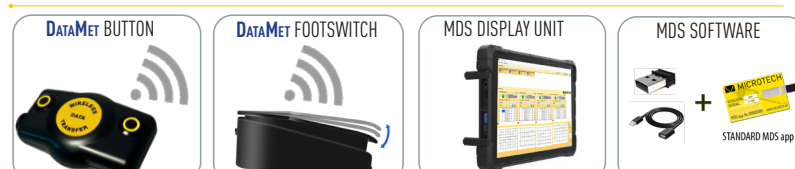


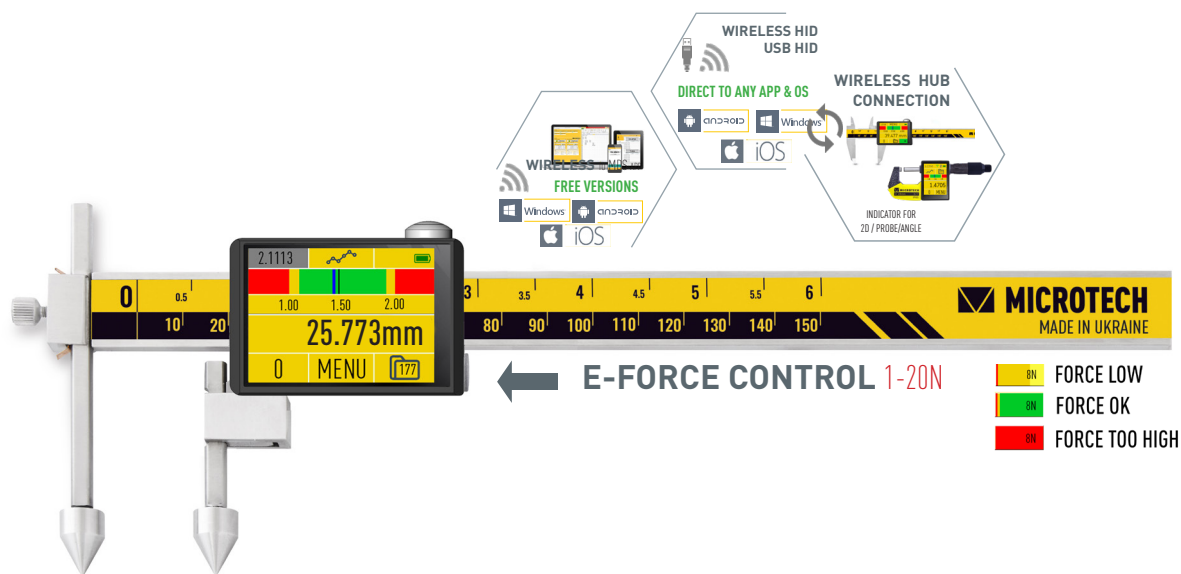
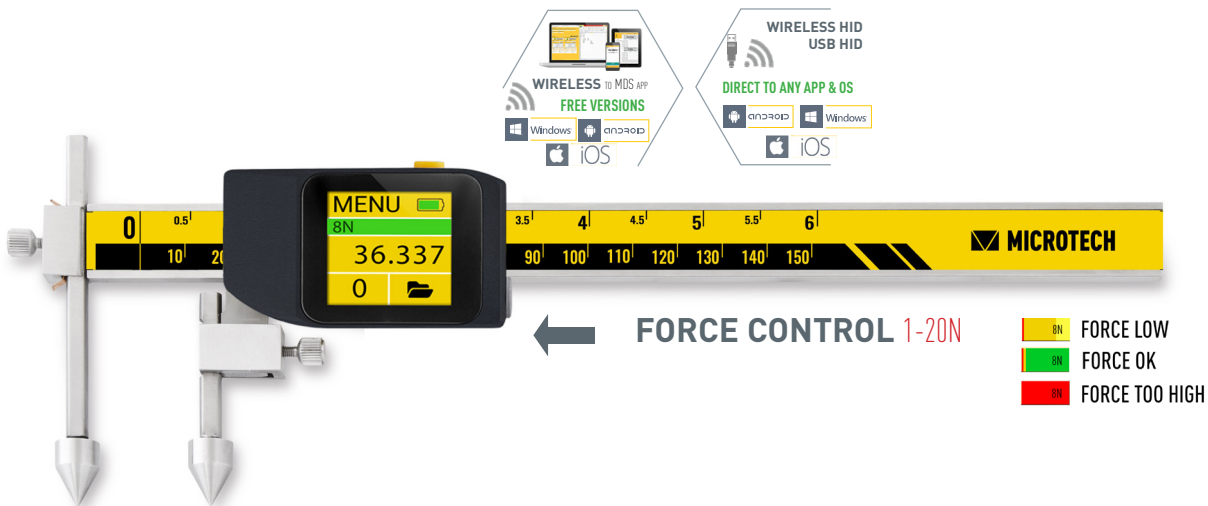
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MDS app ANDROID

DELIVERY SET



OPTIONAL





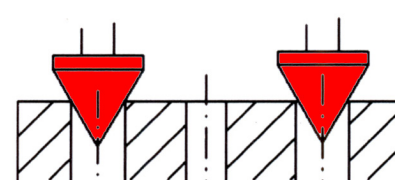
CUSTOM RANGE AND ANVILS FOR REQUEST

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- **DataMet** Offset centerline caliper for hole center distance measurings
- Computerized **MICS** indication system with 0,005, 0.01 or 0,001mm resolution **SWISS made reading system**
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

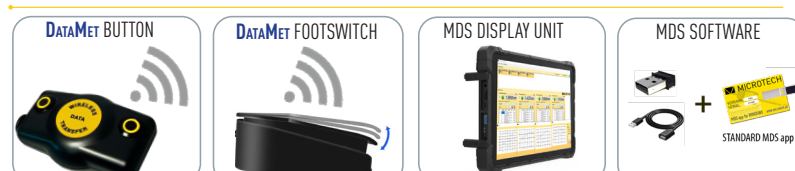
Item No	Range		Reso- lution	Accu- racy	Anvil D		Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU			
					standard	option																			
	mm	inch	mm	µm	mm	mm	N																		
141730157	10-160	0.4-6.4"	0,005	±20	10	20, 35	1-20	IP54	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	•			
141730207	10-210	0.4-8.4"		±25					•	•	•	•	•	•	•	•	•	•			•	•	•		
141270307	10-310	0.4-12.4"		±30					•	•	•	•	•	•	•	•	•	•			•	•	•		
141730517	20-520	0.8-20.4"	±40	20	35, 50	•			•	•	•	•	•	•	•	•	•	•			•	•	•	•	
141731017	20-1020	0.8-40.4"	±50			•			•	•	•	•	•	•	•	•	•	•			•	•	•	•	•
141731517	20-1520	0.8-40.4"	±60			•			•	•	•	•	•	•	•	•	•	•			•	•	•	•	•
141732017	20-2020	0.8-60.4"	±70			•			•	•	•	•	•	•	•	•	•	•			•	•	•	•	•
141733017	20-3020	0.8-80.4"							•	•	•	•	•	•	•	•	•	•			•	•			•
MICRON OFFSET CENTERLINE CALIPER																									
141730158	10-160	0.4-6.4"	0,001	±15	10	20, 35	1-20	IP54	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	optional				
141730208	10-210	0.4-8.4"		±20					•	•	•	•	•	•	•	•	•	•					•	•	•
141270308	10-310	0.4-12.4"		±20					•	•	•	•	•	•	•	•	•	•					•	•	•
141730518	20-520	0.8-20.4"		±20	20	35, 50			•	•	•	•	•	•	•	•	•	•					•		
141731018	20-1020	0.8-40.4"		±30					•	•	•	•	•	•	•	•	•	•					•	•	•



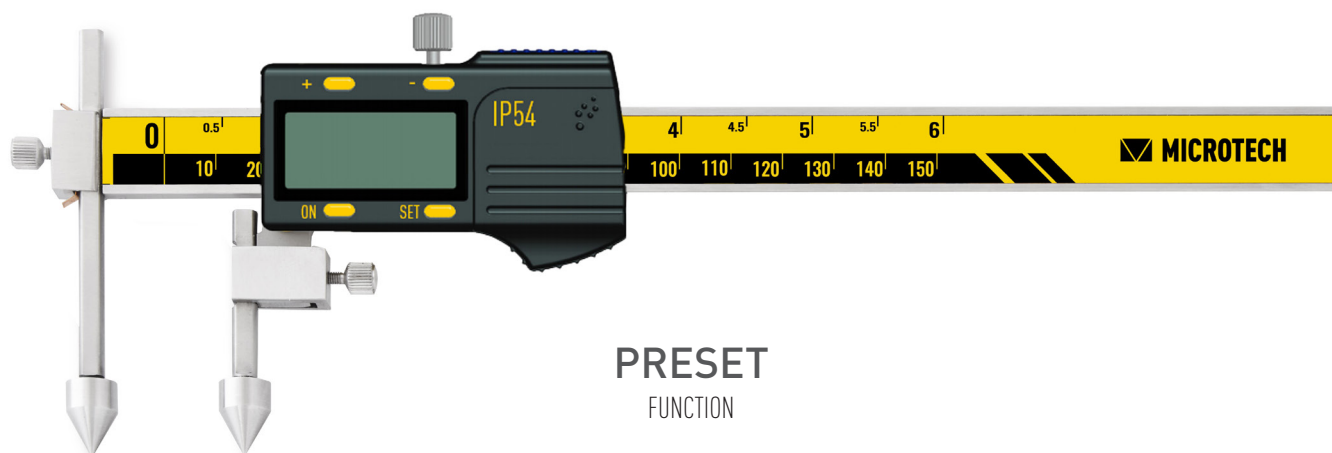
DELIVERY SET



OPTIONAL



- **CertiMet** Offset centerline digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvil D		Protection	Preset	USB
					standard	option			
	mm	inch	mm	μm	mm	mm			
141730151	10-160	0.4-6.4"	0,01	±30	10	20, 35	IP54	•	•
141730201	10-210	0.4-8.4"						•	•
141730301	10-310	0.4-12.4"						•	•

DELIVERY SET

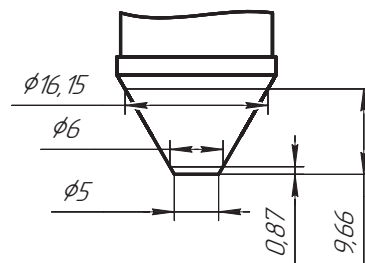
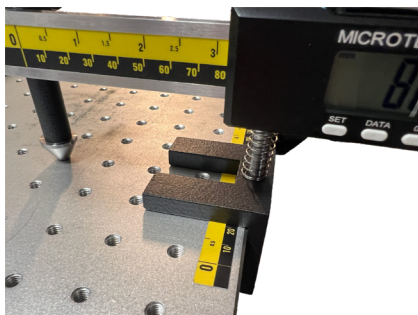
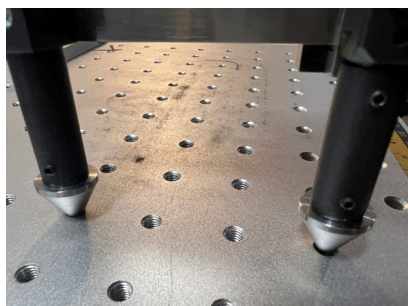
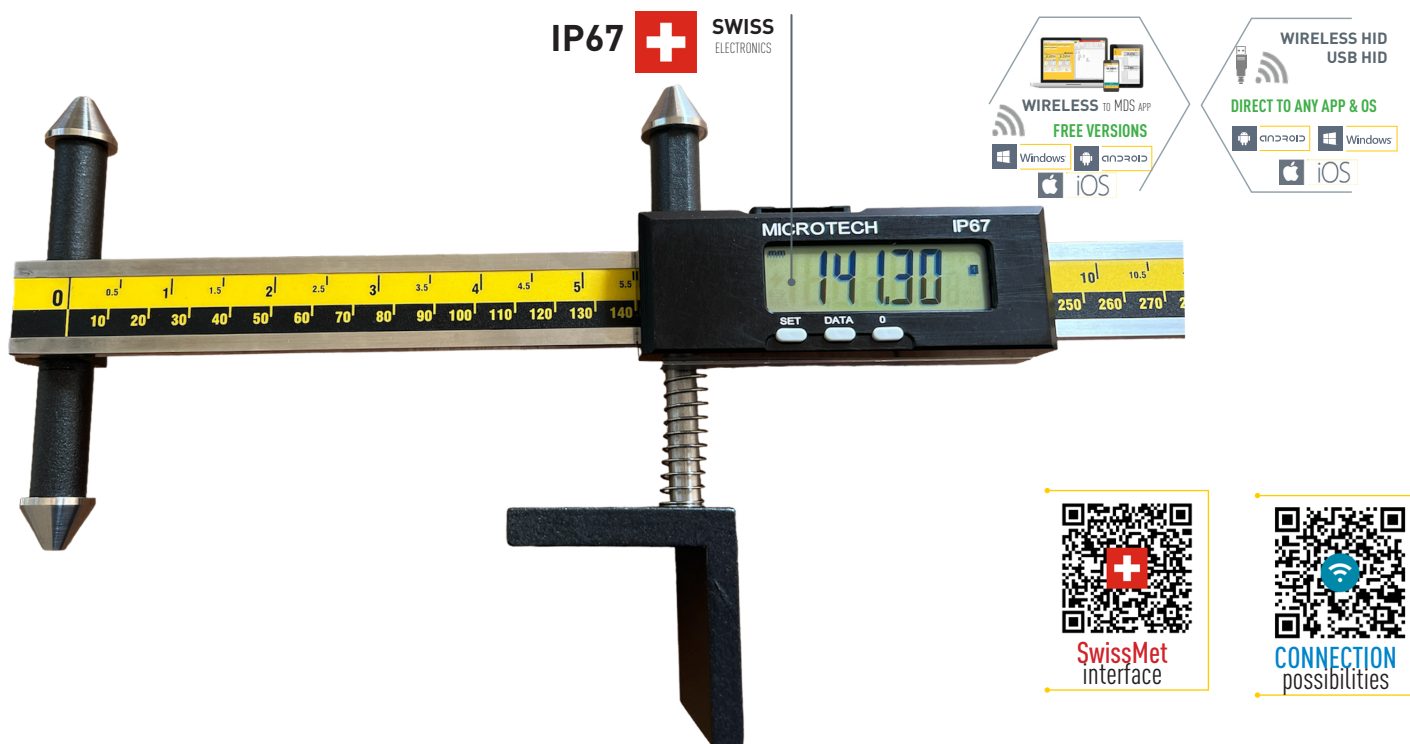


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- OFFSET corner caliper
- IP67 SWISS electronics with PRESET function
- MODIFICATION with **WIRELESS** data transfer **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Jaws		Resolution	Accuracy	Protection	Preset	WIRELESS
		slide	fix					
141743554	0-500	mm	mm	mm	μm		•	•
141743954	0-1000	110	40	0,01	± 30 ± 40	IP67	•	•



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

macOS
iOS



DOWNLOAD
MDS app ANDROID

android

DELIVERY SET



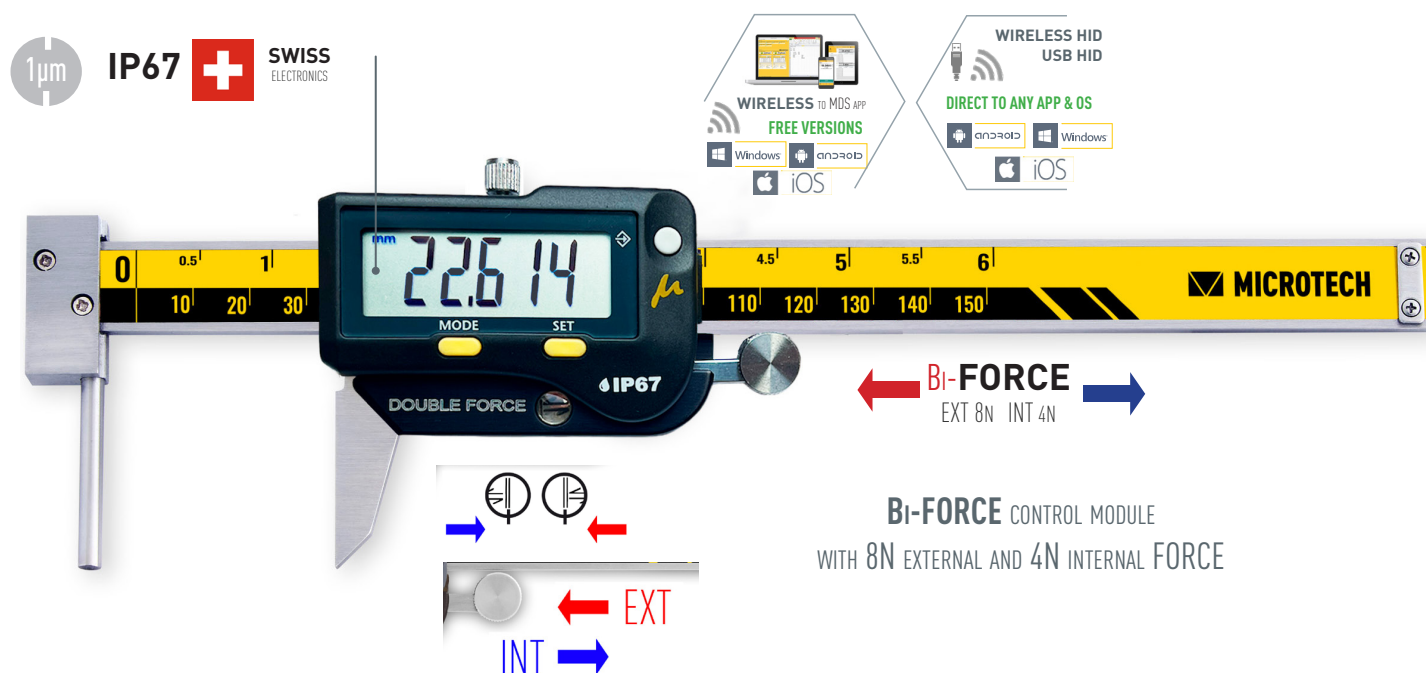
OPTIONAL



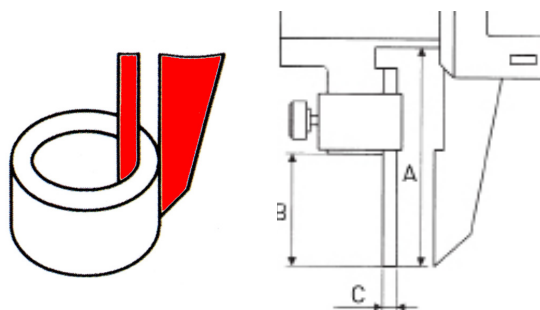
IP67  **SWISS**
ELECTRONICS



1μm **IP67**  **SWISS**
ELECTRONICS



BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE



SWISSMET IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67

 **SWISS**
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP 

WIRELESS MDS app

HID 

WIRELESS HID

Range	A	B	C
mm	mm	mm	mm
0-150	46	30	4
0-200	50	40	4
0-300	50	40	4

- **SwissMet** digital TUBE caliper for wall depth measurements
- Digital Waterproof **IP67** Swiss electronics with 0.01 or **0.001**mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

TUBE **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvil D	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	mm	N						
TUBE DIGITAL CALIPER IP67												
141230153	0-150	0-6"		±30		8/4			•	•	•	•
141230203	0-200	0-8"	0,01	±30	4		IP67		•	•	•	•
141230303	0-300	0-12"		±30					•	•	•	•
TUBE WIRELESS CALIPER IP67												
141230154	0-150	0-6"		±30					•	•		•
141230204	0-200	0-8"	0,01	±30	4	-	IP67		•	•		•
141230304	0-300	0-12"		±30					•	•		•

TUBE **SwissMet MICRON FORCE IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Anvil D	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	mm	N						
TUBE FORCE DIGITAL CALIPER IP67												
141230156	0-150	0-6"		±15					•	•	•	•
141230206	0-200	0-8"	0,001	±15	4	8/4	IP67		•	•	•	•
141230306	0-300	0-12"		±20					•	•	•	•
TUBE FORCE WIRELESS MICRON CALIPER IP67												
141230155	0-150	0-6"		±15					•	•		•
141230205	0-200	0-8"	0,001	±15	4	8/4	IP67		•	•		•
141230305	0-300	0-12"		±20					•	•		•



SwissMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS



DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app

- **CertiMet** Tube digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvil D	Force	Protection	USB
	mm	inch	mm	μm	mm	N		
141230150	0-150	0-6"	0,01	±30	4	-	IP54	•
141230200	0-200	0-8"		±30				•
141230300	0-300	0-12"		±30				•

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



-
- WIRELESS HID
USB HID
- DIRECT TO ANY APP & OS
- WIRELESS HUB CONNECTION
- WIRELESS TO MDS APP
FREE VERSIONS
- INDICATOR FOR
20 / PROBE/ANGLE
- 0 0.5" 1" 10' 20' 30'
- 4.5" 5" 5.5" 6" 110' 120' 130' 140' 150'
- MENU 8N 36.337 0
- MICROTECH
- ← FORCE CONTROL 1-20N
- 8N FORCE LOW
20N FORCE OK
80N FORCE TOO HIGH
- 3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION



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macOS



iOS



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MDS app ANDROID

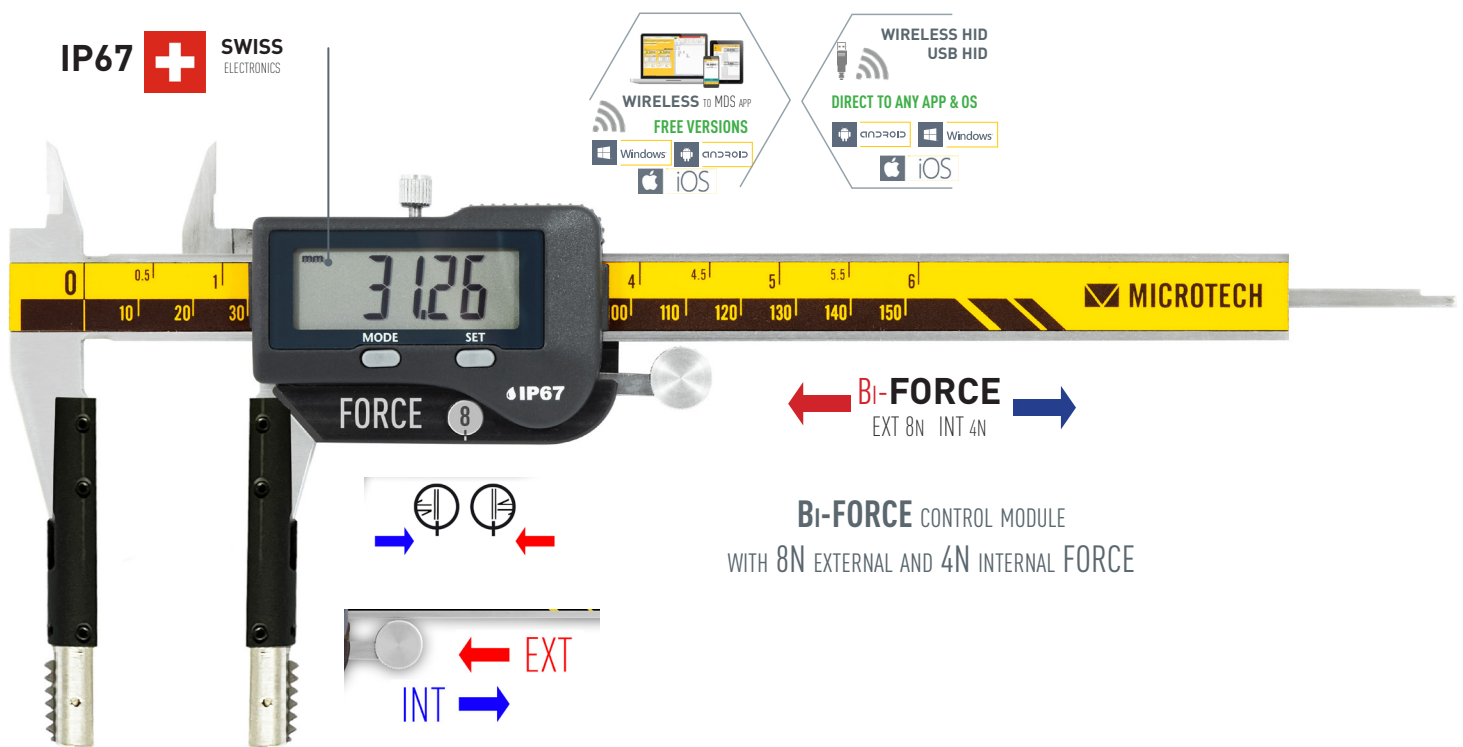


android



OPTIONAL





INTERNAL & EXTERNAL

ANVILS ARE OPTIONAL



SWISSMET IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP	HID	
WIRELESS MDS app	WIRELESS HID	

- **SwissMet** Metric and BSW, BSF, Tr **THREAD** measurings (internal & external)
- Interchangeable anvils pairs or anvils set
- **Bi-Force** control module with 8N external and 4N internal FORCE
- Patents US10429165, UA146381, UA202300560
- Waterproof **IP67** Swiss electronics with **PRESET** function
- **MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Bi- force	Protection	Fixator	Preset	mm/inch	Auto on/off	S connect	WIRELESS
	mm	inch	mm	N							
141078195T	0-150	0-6"	0,001	8 ext	IP-67	•	•	•	•	•	•
141078122T			0,01			•	•	•	•	•	•
141078395T			0,001			•	•	•	•	•	•
141078322T	0-300	0-12"	0,01	4 int		•	•	•	•	•	•



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MDS app iOS, MacOS





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MDS app ANDROID



THREAD ANVILS (PAIR)

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Pitch	Angle
	mm	grad
141377110T	1,0	60°
141377112T	1,25	
141377115T	1,5	
141377120T	2,0	
141377125T	2,5	
141377130T	3,0	
141377135T	3,5	
141377140T	4,0	
141377145T	4,5	
141377150T	5,0	
141377155T	5,5	
141377160T	6,0	
141377165T	6,5	
141377170T	7,0	
141377106T	SET Metric 60° 1,5-6mm (10pcs)	
141377107T	SET Metric 60° 1,5-7mm (12pcs)	

Item No	Pitch	Angle
	mm	grad
141377302T	2	Tr 30°
141377303T	3	
141377304T	4	
141377305T	5	
141377306T	6	
141377307T	7	
141377308T	8	
141377309T	9	
141377310T	10	
141377312T	12	
141377316T	16	
141377320T	20	
141377300T	SET Thread 30° 2-20mm (12pcs)	



Item No	Type	TPI
141377211T	BSF 55°	11
141377212T		10
141377213T		9
141377214T		8
141377215T		7
141377216T		6
141377217T		5
141377218T		4 1/2
141377219T		4
141377291T	SET BSF 55° 4-11 TPI (9pcs)	

Item No	Type	TPI
141377201T	BSW 55°	9
141377202T		8
141377203T		7
141377204T		6
141377205T		5
141377206T		4 1/2
141377207T		4
141377200T	SET BSW 55° 4-9 TPI (7pcs)	

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

OPTIONAL

DATA**Met** BUTTON



DATA**Met** FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app

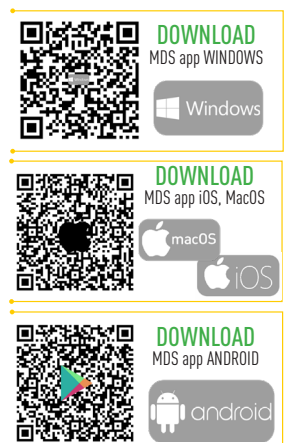
ANVILS PAIR



- **SwissMet CABLE** digital caliper with Flat and Pointed (d 0.3mm) jaws
- Bi-Force control module with 8N external and 4N internal FORCE
- Patents US10429165, UA146381, UA202300560
- Waterproof **IP67** Swiss electronics with **PRESET** function
- **MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvil	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm		N						
TUBE FORCE DIGITAL CALIPER IP67												
141270156	0-150	0-6"	0,001	±5	Point D0.3mm	8/4 IP67	•	•	•	•	•	•
TUBE FORCE WIRELESS MICRON CALIPER IP67												
141270155	0-150	0-6"	0,001	±5	Point D0.3mm	8/4 IP67	•	•	•	•	•	•



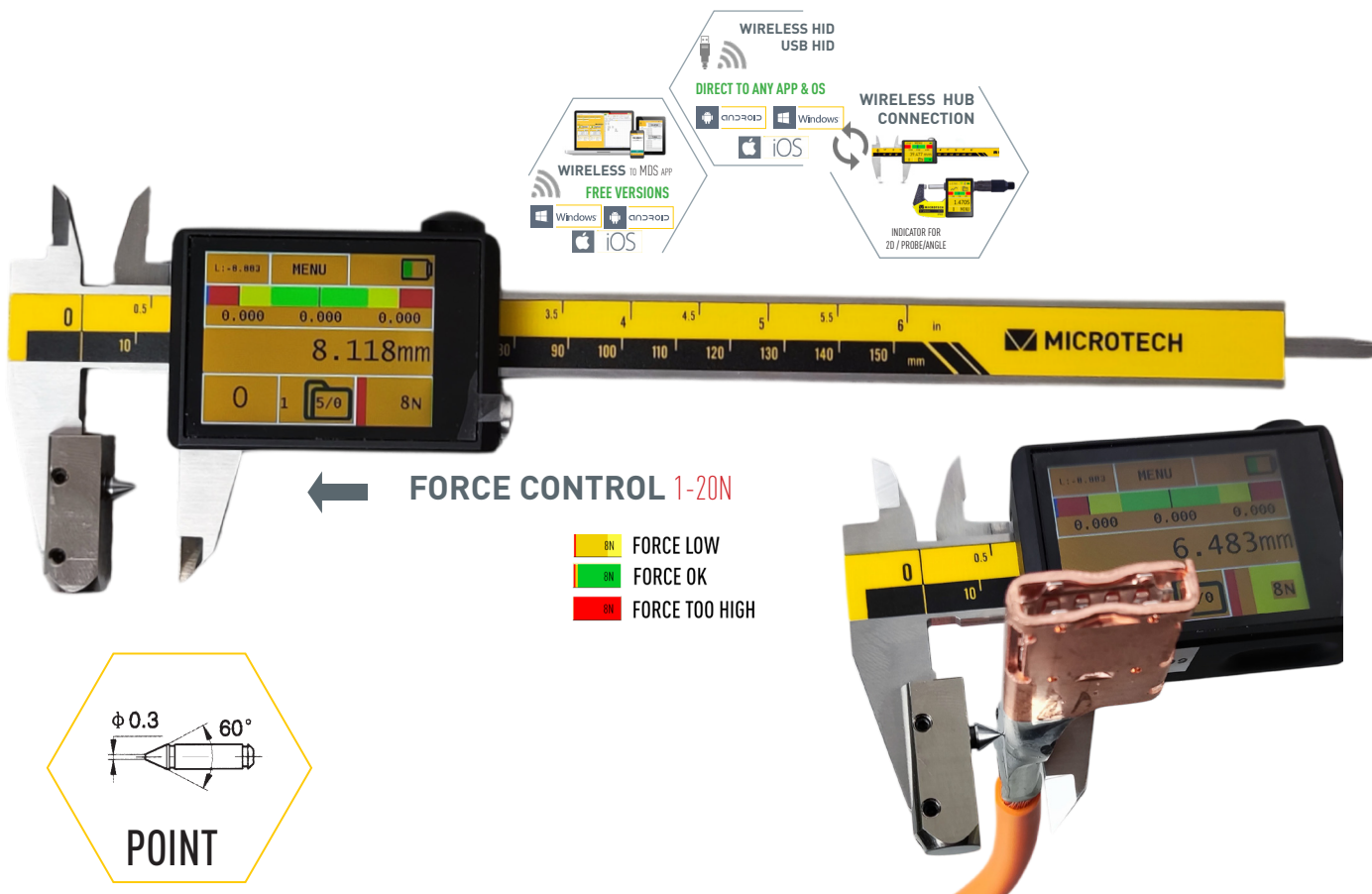
DELIVERY SET



OPTIONAL



- **DataMet CABLE** caliper with Flat and Pointed (d 0.3mm) jaws
- Computerized **MICS** indication system with 0,001mm resolution **SWISS made reading system**
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvil D	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm	mm	N														
141270158	0-150	0-6"	0,0005	±4	Point	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141270158M					D0.3mm			•	•	•	•	•	•	•	•	•	•	•	•	•



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iOS

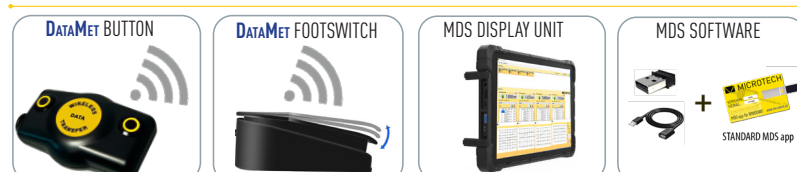


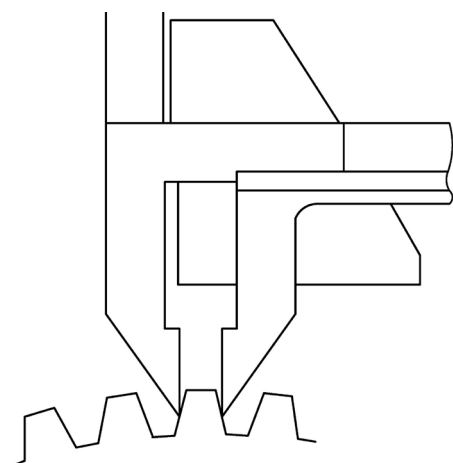
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MDS app ANDROID
android

DELIVERY SET



OPTIONAL





SwissMet IP67 FUNCTIONS

PrE	Unit	Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	 SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP 	HID 	
WIRELESS MDS app	WIRELESS HID	

- **SwissMet** Gear tooth digital caliper IP67
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- **MODIFICATION with 3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

GEAR TOOTH **SwissMet IP67** DIGITAL CALIPER

Item No	Range	Resolution	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	mm						
142022603	M1-25	0,01	IP67	•	•	•	•	•
142025003	M5-50			•	•	•	•	•

MICRON GEAR TOOTH **SwissMet IP67** DIGITAL CALIPER

Item No	Range	Resolution	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	mm						
142022606	M1-25	0,001	IP67	•	•	•	•	•
142025006	M5-50			•	•	•	•	•

MICRON **WIRELESS** GEAR TOOTH **SwissMet IP67** DIGITAL CALIPER

Item No	Range	Resolution	Protection	Preset	ABS	mm/inch	Auto on/off	WIRELESS
	mm	mm						
142022605	M1-25	0,001	IP67	•	•	•	•	•
142025005	M5-50			•	•	•	•	•



SwissMet
interface



CONNECTION
possibilities



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DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

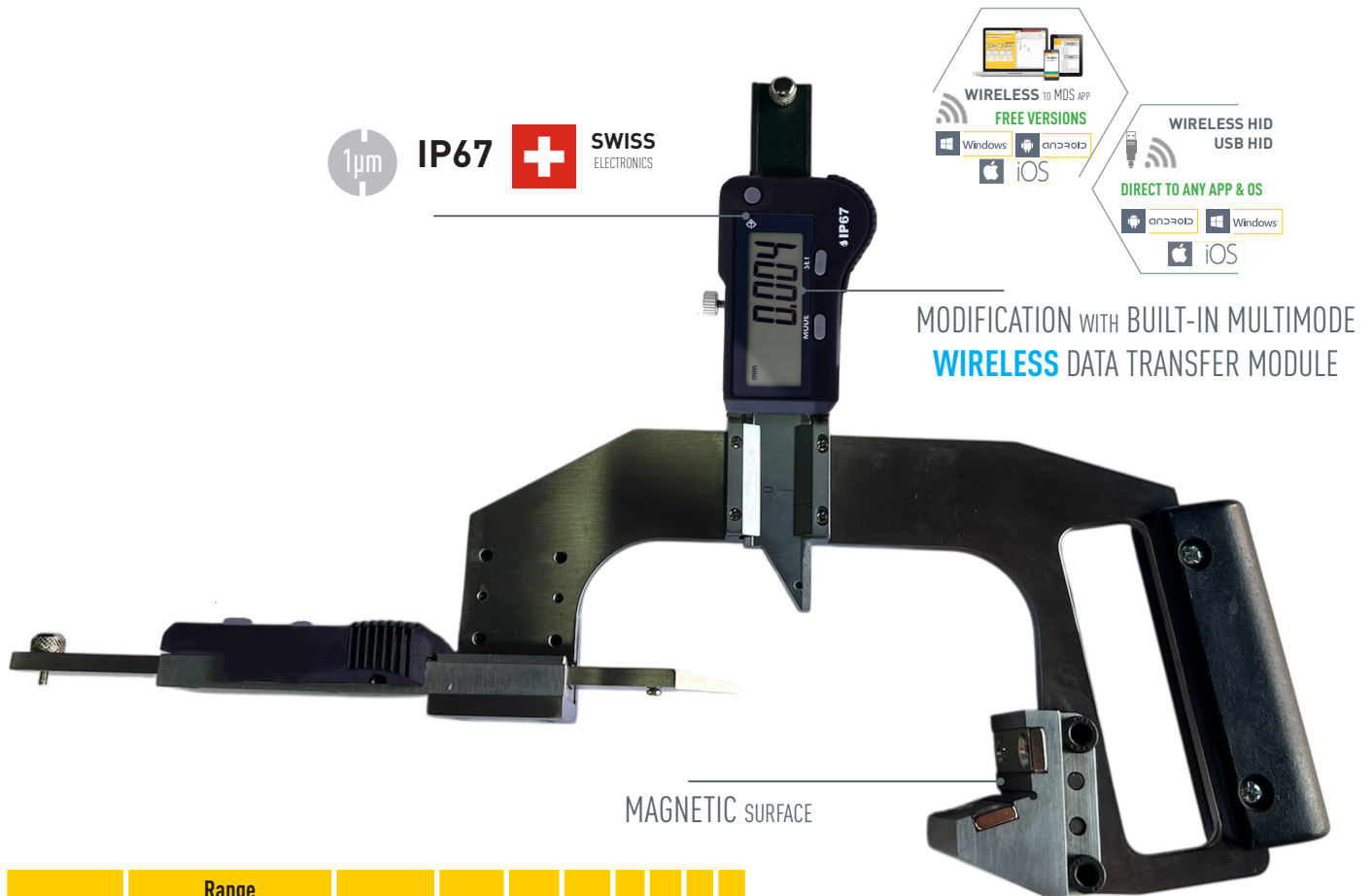


MDS SOFTWARE



STANDARD MDS app

- Railway rail profile caliper to measuring vertical wear and lateral wear of the rail
- Equipped with magnetic positioning surface
- Optional calibration block
- Waterproof **IP67** Swiss electronics 0.01 or 0.001mm resolution with **PRESET** function
- Modification with **DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



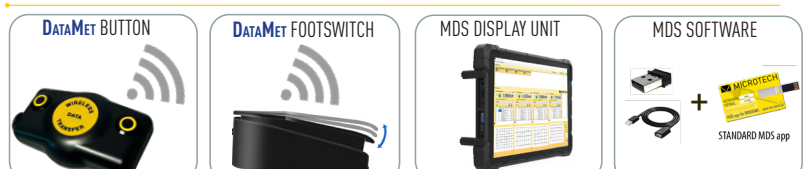
Item No	Range		Magnetic surface	Reso- lution	Accu- racy	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	Center vertical wear	Lateral wear								
	mm	mm		mm	µm					
142041603	0-15	0-25	•	0,01	±30	IP-67	•	•	•	•
142041604			•				•	•	•	
142041606			•	0,001	±15		•	•	•	•
142041605			•				•	•	•	•



DELIVERY SET

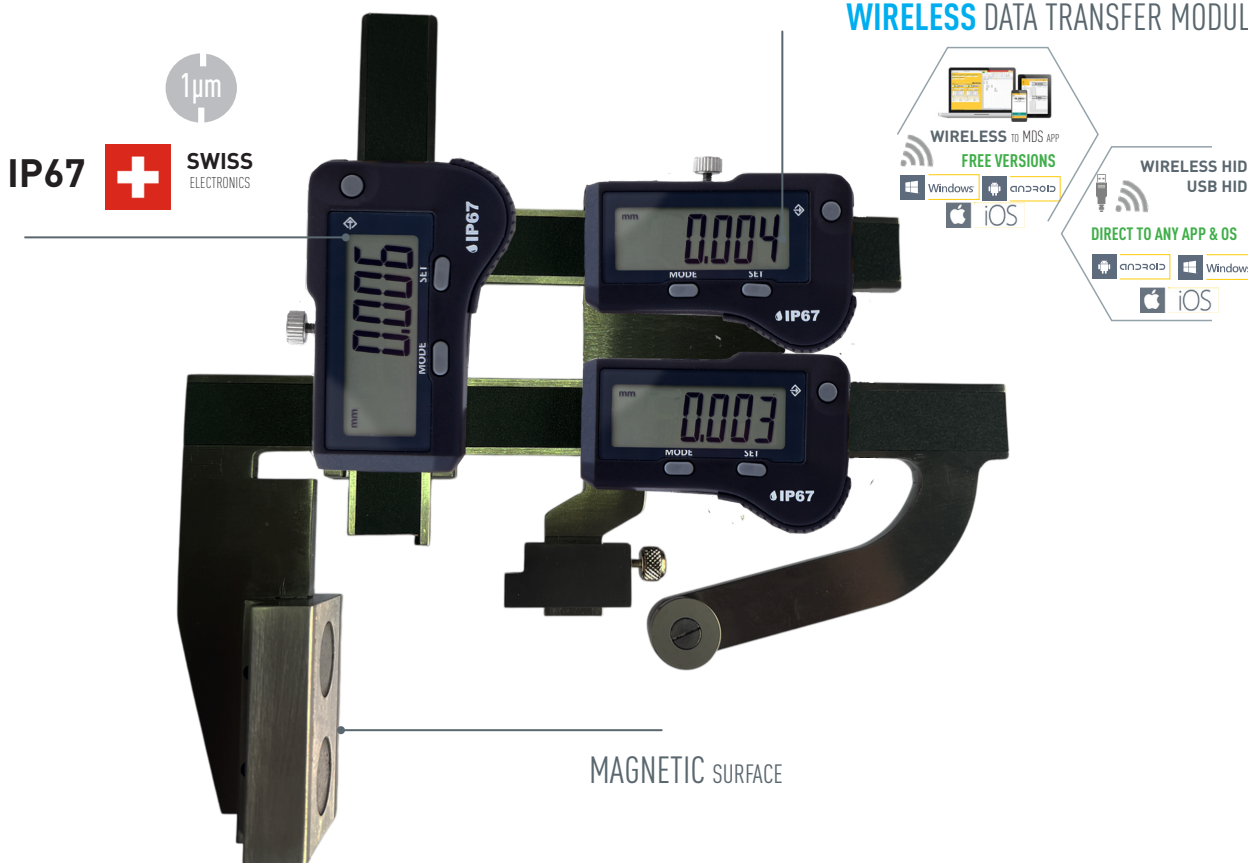


OPTIONAL



- Railway wheel profile caliper (flange caliper) to measuring Sd Flange thickness? Sh Flange height, QR Flange steepness parameters of subway wheel
- Equipped with magnetic positioning surface
- **Optional calibration block**
- Waterproof **IP67** Swiss electronics 0.01 or 0.001mm resolution with **PRESET** function
- Modification with **DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MODIFICATION WITH BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE



Item No	Range			P Thread inclination	Magnetic surface	Calibration block	Reso- lution	Accu- racy	Protection	Preset	mm/inch	Auto on/off	WIRELESS	
	Sd Flange thickness	Sh Flange height	QR Flange steepness											
	mm	mm	mm				mm	µm						
142040603	20-40	20-40	0-10	•	•	option	0,01	±30	IP-67	•	•	•	•	
142040604				•	•		•	•						
142040606				•	•		•	•						
142040605				•	•		0,001	±15						
142040600				•	•									
Setting gauge for Wheel profile digital caliper														

Setting gauge for Wheel profile digital caliper



SwissMet
interface



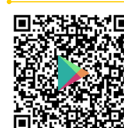
CONNECTION
possibilities



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DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



CALIBRATION BLOCK



UP TO **3000MM**



SwissMet IP67 FUNCTIONS

PrE

PRESET

Unit

mm/inch

I Hold

HOLD

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)



**SWISS
ELECTRONICS**

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID



- **SwissMet** Waterproof **IP67** Swiss electronics with PRESET function
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- Calibration certificate included (ISO17025 (Ilac MRA))

DEPTH **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	mm/inch	HOLD	Auto on/off	S connect	
	mm	inch	mm	µm	mm							
1432010153	0-150	0-6"	0,01	±20	102	IP67	●	●	●	●	●	
1432010203	0-200	0-8"		±30			●	●	●	●	●	
1432010303	0-300	0-12"		±40			●	●	●	●	●	
1432010503	0-500	0-20"		±50	150		●	●	●	●	●	
1432011003	0-1000	0-40"		±80			●	●	●	●	●	
1432012003	0-2000	0-80"		±100			●	●	●	●	●	
1432013003	0-3000	0-120"					●	●	●	●	●	

DEPTH **SwissMet IP67** DIGITAL CALIPER DOUBLE HOOK

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	mm/inch	HOLD	Auto on/off	S_connect
	mm	inch	mm	µm	mm						
1432020153	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•	•
1432020303	0-300	0-12"		±30			•	•	•	•	•

DEPTH **SwissMet IP67** DIGITAL CALIPER PIN TIP

Item No	Range		Reso- lution	Accu- racy	Base	Pin	Protection	Preset	mm/inch	HOLD	Auto on/off	S_connect
	mm	inch	mm	µm	mm	mm						
1432030153	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•	•	•	•	•
1432030303	0-300	0-12"		±30				•	•	•	•	•
1432030503	0-500	0-20"		±40				•	•	•	•	•

DELIVERY SET



IP67  **SWISS ELECTRONICS**

BUILT-IN MULTIMODE **WIRELESS**
DATA TRANSFER MODULE



SWISSMET IP67 FUNCTIONS

PrE

PRESET

Unit

mm/inch

Hold

HOLD

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)

 **SWISS ELECTRONICS**

Swiss electronics

MDS APP 

WIRELESS MDS app

HID 

WIRELESS HID

- **SwissMet** Waterproof **IP67** Swiss electronics with PRESET function
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS DEPTH **SwissMet IP67** DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	mm					
1432010154	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•
1432010204	0-200	0-8"		±30			•	•	•	•
1432010304	0-300	0-12"		±40			•	•	•	•
1432010504	0-500	0-20"		±50			•	•	•	•
1432011004	0-1000	0-40"		±80			•	•	•	•
1432012004	0-2000	0-80"	0,01	±100	150	IP67	•	•	•	•
1432013004	0-3000	0-120"					•	•	•	•



WIRELESS DEPTH **SwissMet IP67** DIGITAL CALIPER DOUBLE HOOK

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	mm					
1432020154	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•
1432020304	0-300	0-12"		±30			•	•	•	•

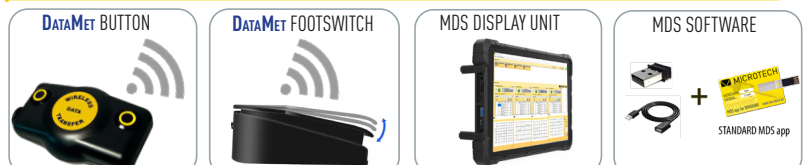
WIRELESS DEPTH **SwissMet IP67** DIGITAL CALIPER PIN TIP

Item No	Range		Reso- lution	Accu- racy	Base	Pin	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	mm	mm					
1432030154	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•	•	•	•
1432030304	0-300	0-12"		±30				•	•	•	•
1432030504	0-500	0-20"		±40				•	•	•	•

DELIVERY SET



OPTIONAL



- **MICRON SwissMet** Waterproof **IP67** Swiss electronics with PRESET function
- High accuracy up to $\pm 15\mu\text{m}$
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



MICRON DEPTH SWISSMET IP67 DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	mm/inch	Auto on/off	HOLD	Auto on/off	S_connect
	mm	inch	mm	μm	mm							
1432010156	0-150	0-6"	0,001	± 15	102	IP67	•	•	•	•	•	•
1432010206	0-200	0-8"		± 20			•	•	•	•	•	•
1432010306	0-300	0-12"		± 20			•	•	•	•	•	•
1432010506	0-500	0-20"		± 30			•	•	•	•	•	•



WIRELESS MICRON DEPTH SWISSMET IP67 DIGITAL CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm	mm					
1432010155	0-150	0-6"	0,001	± 15	102	IP67	•	•	•	•
1432010205	0-200	0-8"		± 20			•	•	•	•
1432010305	0-300	0-12"		± 20			•	•	•	•
1432010505	0-500	0-20"		± 30			•	•	•	•



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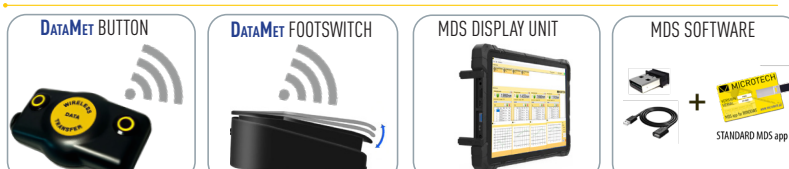
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DELIVERY SET



OPTIONAL



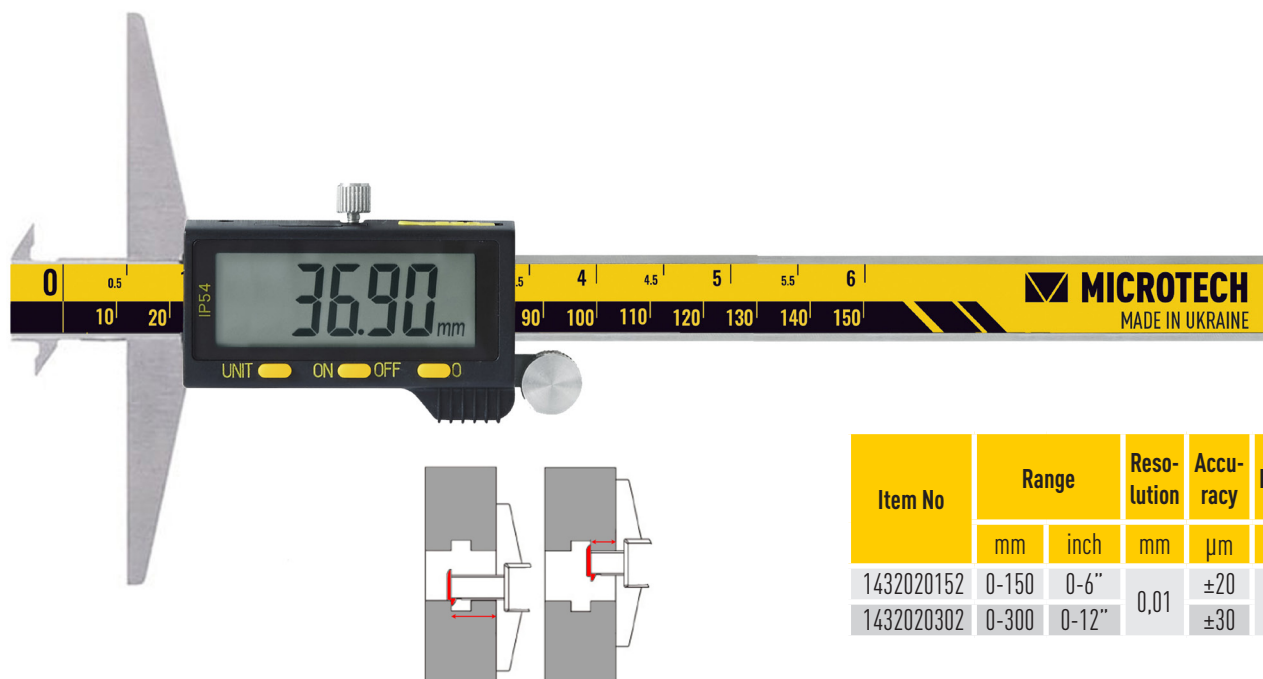
- **CertiMet** digital depth caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CertiMet DEPTH DIGITAL CALIPER IP54



Item No	Range		Reso- lution	Accu- racy	Base	Protection	USB
	mm	inch	mm	µm	mm		
1432010152	0-150	0-6"	0,01	±20	102	IP54	•
1432010202	0-200	0-8"		±30			•
1432010302	0-300	0-12"		±30			•
1432010502	0-500	0-20"		±50			•

CertiMet DEPTH DIGITAL CALIPER IP54 DOUBLE HOOK



Item No	Range		Reso- lution	Accu- racy	Base	Protection	USB
	mm	inch	mm	µm	mm		
1432020152	0-150	0-6"	0,01	±20	102	IP54	•
1432020302	0-300	0-12"		±30			•

DELIVERY SET

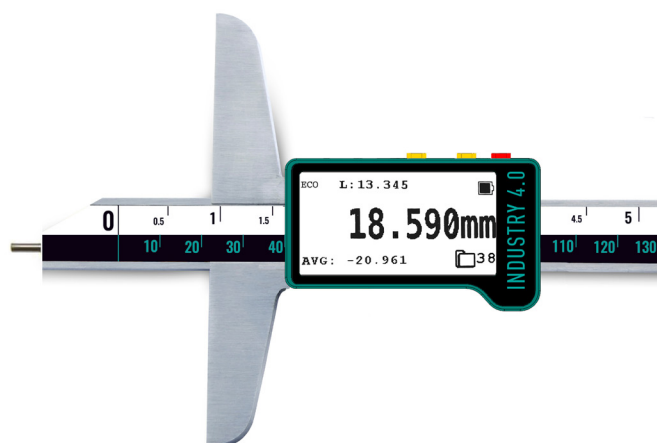
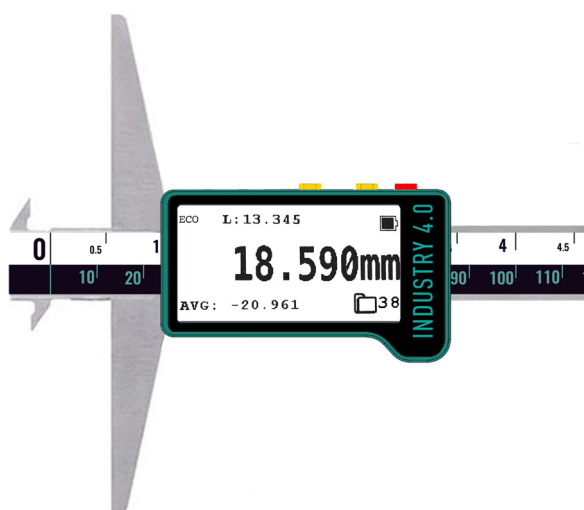
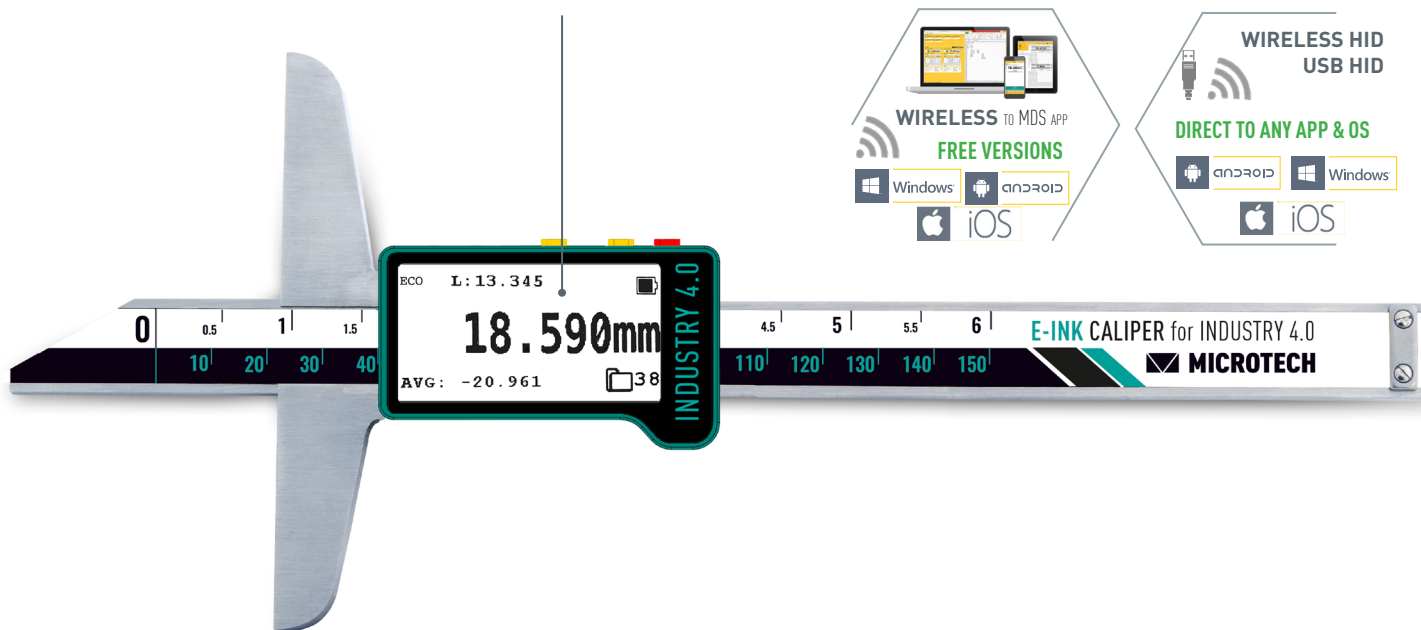


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



ENERGY EFFICIENCY **E-INK** DISPLAY 2.13"

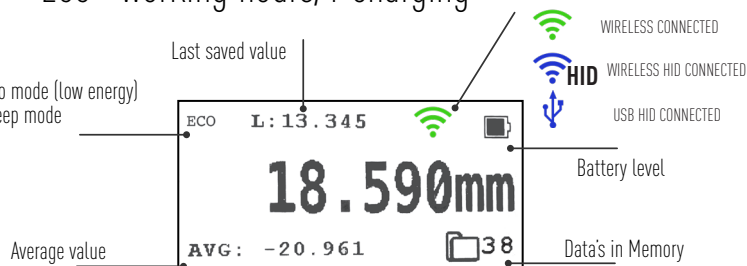


DATA MET E-INK FUNCTIONS

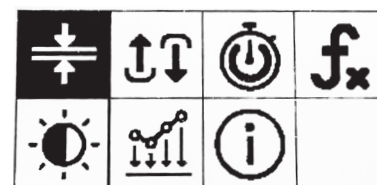
ENERGY ECONOMY 2.13" E-INK DISPLAY

200+ working hours/1 charging

ECO - Eco mode (low energy)
OFF - Sleep mode



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS

Stat	All
1: 0.050	4: 29.245
2: 7.320	5: 37.680
3: 20.440	NEXT PREV

- **Industry 4.0** adopted Intelligent depth caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ENERGY ECONOMY** 2.13" E-ink display (200+ working hours / 1 charging)
- **STANDARD** type depth caliper or with PIN TIP or DOUBLE HOOK
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet E-INK DEPTH CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm												
1432010159	0-150	0-6"		±15		•	•	•	•	•	•	•	•	•	1000 val	•	•
1432010209	0-200	0-8"	0,005	±20	102	•	•	•	•	•	•	•	•	•	•	•	•
1432010309	0-300	0-12"		±25		•	•	•	•	•	•	•	•	•	•	•	•

DataMet E-INK DEPTH CALIPER DOUBLE HOOK

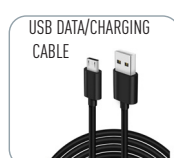
Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm													
1432020159	0-150	0-6"		±15			•	•	•	•	•	•	•	•	•	•	•	•
1432020309	0-300	0-12"	0,005	±25	102	IP54	•	•	•	•	•	•	•	•	•	•	•	•

DataMet E-INK DEPTH CALIPER PIN TIP

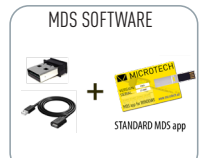
Item No	Range		Reso- lution	Accu- racy	Base	Pin	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm	mm													
1432030159	0-150	0-6"		±15				•	•	•	•	•	•	•	•	•	•	•	•
1432030309	0-300	0-12"	0,005	±25	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•

E-ink
interfaceCONNECTION
possibilitiesDOWNLOAD
MDS app WINDOWSDOWNLOAD
MDS app iOS, MacOSDOWNLOAD
MDS app ANDROID

DELIVERY SET



OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY



DATAmet FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	Formula
MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

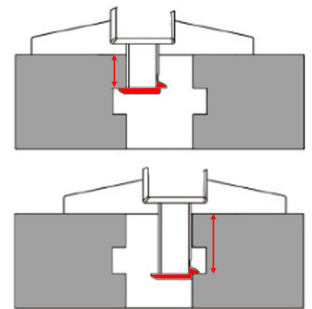
- Industry 4.0 adopted depth caliper with computerized MICS system
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (ILac MRA))

DataMet DEPTH CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm												
1432010157	0-150	0-6"	0,005	±15	102	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432010207	0-200	0-8"		±20		•	•	•	•	•	•	•	•	•			
1432010307	0-300	0-12"		±25		•	•	•	•	•	•	•	•	•			
1432010507	0-500	0-20"		±40		•	•	•	•	•	•	•	•	•			
1432011007	0-1000	0-40"	0,01	±50	150	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432012007	0-2000	0-80"		±70		•	•	•	•	•	•	•	•	•			
1432013007	0-3000	0-1200"		±90		•	•	•	•	•	•	•	•	•			

DataMet DEPTH CALIPER DOUBLE HOOK

Item No	Range		Reso- lution	Accu- racy	Base	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm													
1432020157	0-150	0-6"	0,005	±15	102	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432020307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•



DataMet DEPTH CALIPER PIN TIP

Item No	Range		Reso- lution	Accu- racy	Base	Pin	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm	mm													
1432030157	0-150	0-6"	0,005	±15	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432030307	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•	•	•
1432030507	0-500	0-20"		±30				•	•	•	•	•	•	•	•	•	•	•	•

DataMet
interfaceCONNECTION
possibilitiesDOWNLOAD
MDS app WINDOWSDOWNLOAD
MDS app iOS, MacOSDOWNLOAD
MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING
CABLE

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



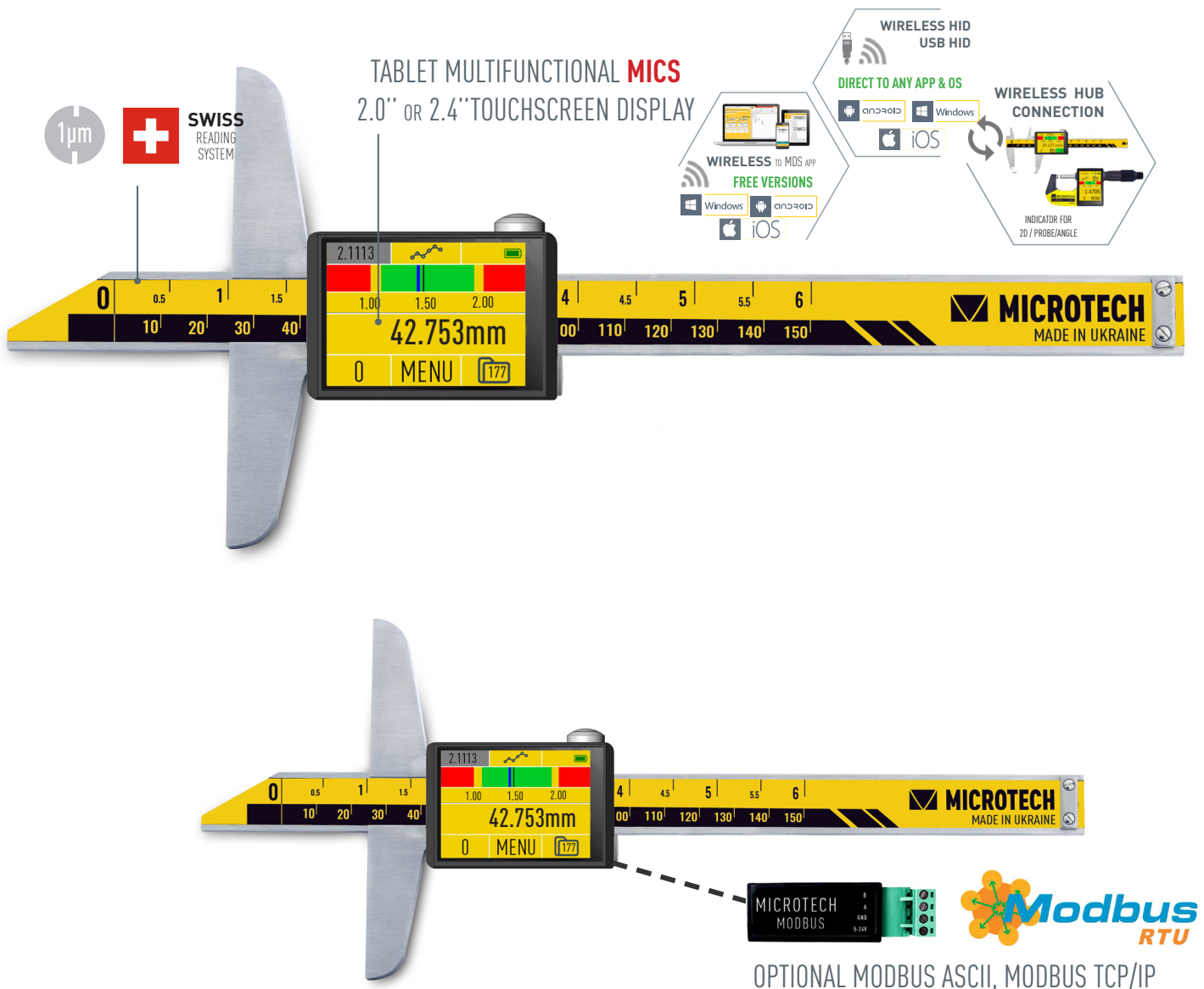
MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app



DATAmet FUNCTIONS



- Industry 4.0 adopted depth caliper with computerized MICS system
- MODIFICATION MICRON with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

MICRON DataMet DEPTH CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch															
1432010158	0-150	0-6"	0,001	±12	102	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432010208	0-200	0-8"		±15		•	•	•	•	•	•	•	•	•			
1432010308	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•			
1432010508	0-500	0-20"		±25		•	•	•	•	•	•	•	•	•			
1432011008	0-1000	0-40"		±30	150	•	•	•	•	•	•	•	•				

MODBUS MICRON DataMet DEPTH CALIPER

Item No	Range		Reso- lution	Accu- racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	mm															
1432010158M	0-150	0-6"	0,001	±12	102	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	•	•
1432010208M	0-200	0-8"		±15		•	•	•	•	•	•	•	•	•	•				•	•
1432010308M	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•	•				•	•
1432010508M	0-500	0-20"		±25		•	•	•	•	•	•	•	•	•	•				•	•
1432011008M	0-1000	0-40"		±30	150	•	•	•	•	•	•	•	•	•	•				•	•



DataMet interface



CONNECTION possibilities



MODBUS protocol



DOWNLOAD MDS app WINDOWS



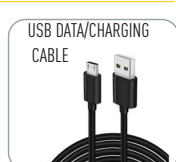
DOWNLOAD MDS app iOS, MacOS



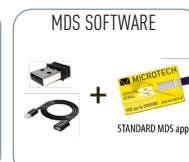
DOWNLOAD MDS app ANDROID



DELIVERY SET



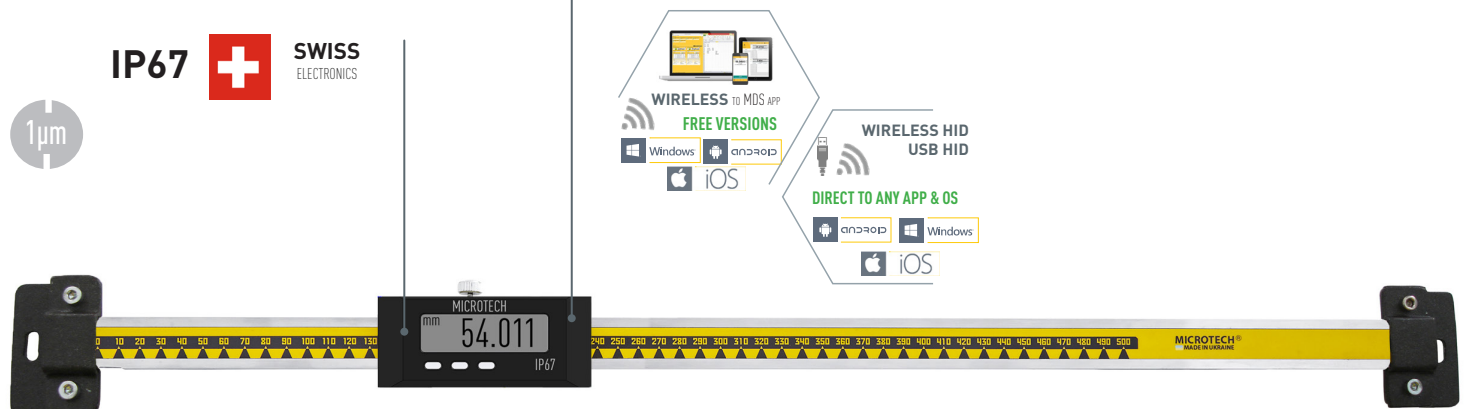
OPTIONAL



MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



CUSTOM RANGE AND CONFIGURATION FOR REQUEST

SwissMet IP67 FUNCTIONS

PrE **Unit** **Hold**

PRESET

mm/inch

HOLD

SLEEP (SIS)

IP67



SWISS
ELECTRONICS

Auto ON/OFF

IP 67 (IEC60529)

Swiss electronics

MDS APP



WIRELESS MDS app

HID



WIRELESS HID

- **SwissMet** Waterproof **IP67** Swiss electronics with PRESET function with 0,01mm or 0,001mm resolution
- High accuracy up to $\pm 10\mu\text{m}$
- MODIFICATION **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- CUSTOM RANGE AND CONFIGURATION FOR REQUEST
- Calibration certificate included (ISO17025 (Ilac MRA))

SWISSMET IP67 READOUT LINEAR SCALE

Item No	Range		Reso- lution	Accu- racy	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm						
142501147	0-150	0-6"	0,01	± 20	IP67	•	•	•	•	•
142502147	0-200	0-8"		± 20		•	•	•	•	•
142503147	0-300	0-12"		± 30		•	•	•	•	•
142505147	0-500	0-20"		± 40		•	•	•	•	•
142506147	0-600	0-24"		± 40		•	•	•	•	•
142510147	0-1000	0-40"		± 50		•	•	•	•	•
142515147	0-1500	0-60"		± 70		•	•	•	•	•
142520147	0-2000	0-80"		± 80		•	•	•	•	•
142525147	0-2500	0-100"		± 90		•	•	•	•	•
142530147	0-3000	0-120"		± 100		•	•	•	•	•
142540147	0-4000	0-160"		± 110		•	•	•	•	•
142550147	0-5000	0-200"		± 120		•	•	•	•	•



SwissMet
interface



CONNECTION
possibilities

MICRON SWISSMET IP67 READOUT LINEAR SCALE

Item No	Range		Reso- lution	Accu- racy	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	inch	mm	μm						
142501146	0-150	0-6"	0,001	± 10	IP67	•	•	•	•	•
142502146	0-200	0-8"		± 12		•	•	•	•	•
142503146	0-300	0-12"		± 15		•	•	•	•	•
142505146	0-500	0-20"		± 20		•	•	•	•	•
142506146	0-600	0-24"		± 20		•	•	•	•	•
142510146	0-1000	0-40"		± 30		•	•	•	•	•
142515146	0-1500	0-60"		± 40		•	•	•	•	•
142520146	0-2000	0-80"		± 50		•	•	•	•	•

MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE

Item No	Range		Reso- lution	Accu- racy	Protection	Preset	ABS	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	μm						
142501148	0-150	0-6"	0,001	± 10	IP67	•	•	•	•	•
142502148	0-200	0-8"		± 12		•	•	•	•	•
142503148	0-300	0-12"		± 15		•	•	•	•	•
142505148	0-500	0-20"		± 20		•	•	•	•	•
142506148	0-600	0-24"		± 20		•	•	•	•	•
142510148	0-1000	0-40"		± 30		•	•	•	•	•
142515148	0-1500	0-60"		± 40		•	•	•	•	•
142520148	0-2000	0-80"		± 50		•	•	•	•	•



DOWNLOAD
MDS app WINDOWS



DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



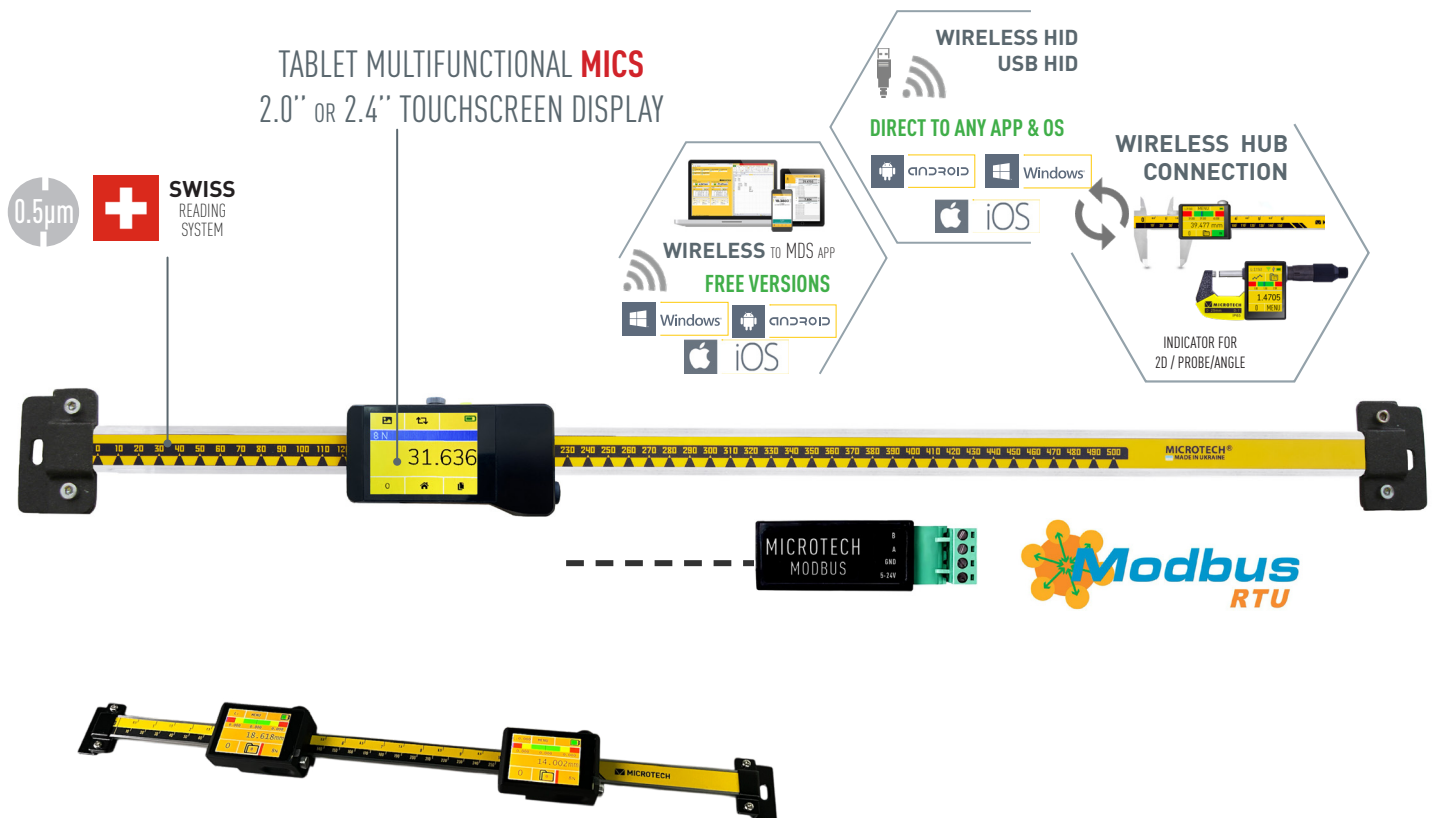
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Modification with **MICRON** with **SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- RANGE up to 5000 mm
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification with **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

Item No	Range		Reso- lution	Accu- racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
142501140	0-150	0-6"	0,005	±10	IP54				•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
142502140	0-200	0-8"		±15					•	•	•	•	•	•	•	•	•			
142503140	0-300	0-12"		±20					•	•	•	•	•	•	•	•	•			
142505140	0-500	0-20"	0,01	±30		•	•	•	•	•	•	•	•	•	•	•	•			
142506140	0-600	0-24"		±30		•	•	•	•	•	•	•	•	•	•	•	•			
142510140	0-1000	0-40"		±40		•	•	•	•	•	•	•	•	•	•	•	•			
142515140	0-1500	0-60"		±50		•	•	•	•	•	•	•	•	•	•	•	•			
142520140	0-2000	0-80"		±60		•	•	•	•	•	•	•	•	•	•	•	•			
142525140	0-2500	0-100"		±70		•	•	•	•	•	•	•	•	•	•	•	•			
142530140	0-3000	0-120"		±80		•	•	•	•	•	•	•	•	•	•	•	•			
142540140	0-4000	0-160"		±100		•	•	•	•	•	•	•	•	•	•	•	•			
142550140	0-5000	0-200"		±110		•	•	•	•	•	•	•	•	•	•	•	•			

MICRON DataMet READOUT LINEAR SCALE

Item No	Range		Reso- lution	Accu- racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
142501141	0-150	0-6"	0,0005	±8	IP54	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
142502141	0-200	0-8"		±12		•	•	•	•	•	•	•	•	•	•	•	•			
142503141	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•	•	•	•			
142505141	0-500	0-20"		±20		•	•	•	•	•	•	•	•	•	•	•	•			
142506141	0-600	0-24"		±20		•	•	•	•	•	•	•	•	•	•	•	•			
142510141	0-1000	0-40"		±30		•	•	•	•	•	•	•	•	•	•	•	•			
142515141	0-1500	0-60"		±35		•	•	•	•	•	•	•	•	•	•	•	•			
142520141	0-2000	0-80"		±40		•	•	•	•	•	•	•	•	•	•	•	•			

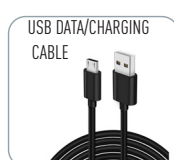


MODBUS MICRON DataMet READOUT LINEAR SCALE

Item No	Range		Reso- lution	Accu- racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS
	mm	inch	mm	µm																	
142501141M	0-150	0-6"	0,0005	±8	IP54	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	•
142502141M	0-200	0-8"		±12		•	•	•	•	•	•	•	•	•	•	•	•				•
142503141M	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•	•	•	•				•
142505141M	0-500	0-20"		±20		•	•	•	•	•	•	•	•	•	•	•	•				•
142506141M	0-600	0-24"		±20		•	•	•	•	•	•	•	•	•	•	•	•				•
142510141M	0-1000	0-40"		±30		•	•	•	•	•	•	•	•	•	•	•	•				•
142515141M	0-1500	0-60"		±35		•	•	•	•	•	•	•	•	•	•	•	•				•
142520141M	0-2000	0-80"		±40		•	•	•	•	•	•	•	•	•	•	•	•				•



DELIVERY SET



OPTIONAL



BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
Android Windows iOS

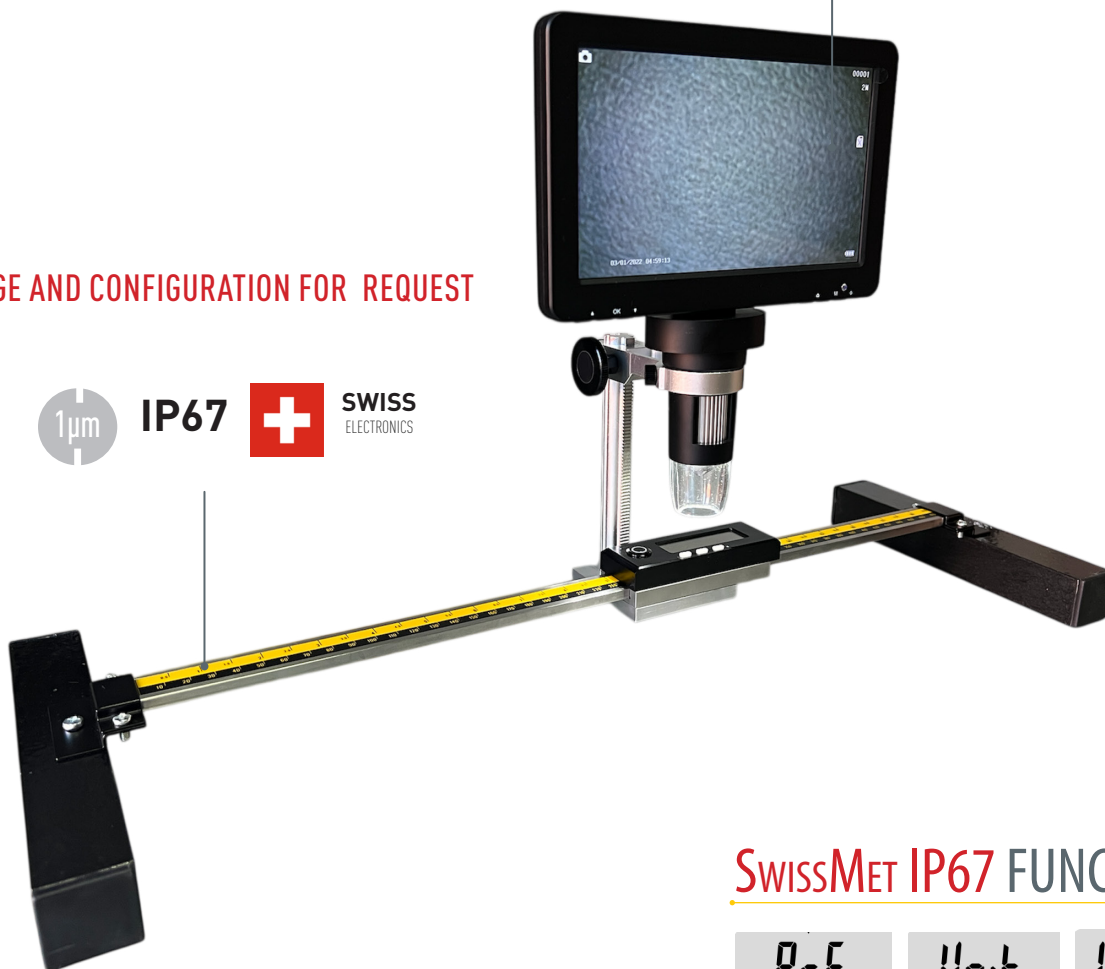
WIRELESS TO MDS APP
FREE VERSIONS
Windows Android iOS



10x

7" MICROSCOPE WITH LED LIGHTING

CUSTOM RANGE AND CONFIGURATION FOR REQUEST



SwissMet IP67 FUNCTIONS

PrE PRESET	Unit mm/inch	I Hold HOLD
SLEEP (sis) Auto ON/OFF	IP67 IP 67 (IEC60529)	SWISS ELECTRONICS Swiss electronics
MDS APP WIRELESS MDS app		HID WIRELESS HID

- **SwissMet** Linear scale with IP67 Swiss electronics
- Waterproof **IP67** Swiss electronics with 0,01 or 0.001mm resolution
- **Magnifier** 10x loupe with scale or **MICROSCOPE** with display (HD 7" display, 12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- **RANGE** up to 5000 mm
- **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SWISSMET IP67 READOUT LINEAR SCALE MAGNIFIER

Item No	Range		Reso- lution	Accu- racy	Vision	Protection	Preset	Max/Min
	mm	inch	mm	µm				
142503150	0-300	0-12"	0,01	±20	10x magnifier	IP67	•	•
142505150	0-500	0-20"		±30			•	•
142506150	0-600	0-24"		±30			•	•
142510150	0-1000	0-40"		±40			•	•
142515150	0-1500	0-60"		±50			•	•
142520150	0-2000	0-80"		±70			•	•
142525150	0-2500	0-100"		±70			•	•
142530150	0-3000	0-120"		±80			•	•
142540150	0-4000	0-160"		±100			•	•
142550150	0-5000	0-200"		±110			•	•



MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE MAGNIFIER

Item No	Range		Reso- lution	Accu- racy	Vision	Protection	Preset	Max/Min	WIRELESS
	mm	inch	mm	µm					
142503151	0-300	0-12"	0,001	±15	10x magnifier	IP67	•	•	•
142505151	0-500	0-20"		±20			•	•	•
142506151	0-600	0-24"		±20			•	•	•
142510151	0-1000	0-40"		±30			•	•	•
142515151	0-1500	0-60"		±40			•	•	•
142520151	0-2000	0-80"		±50			•	•	•



MICRON WIRELESS SWISSMET IP67 READOUT LINEAR SCALE MICROSCOPE

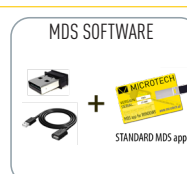
Item No	Range		Reso- lution	Accu- racy	Vision	Protection	Preset	Max/Min	WIRELESS
	mm	inch	mm	µm					
142503172	0-300	0-12"	0,001	±15	microscope 7" display 12Mp 50-1200x.	IP67	•	•	•
142505172	0-500	0-20"		±20			•	•	•
142505172	0-600	0-24"		±20			•	•	•
142510172	0-1000	0-40"		±30			•	•	•
142515172	0-1500	0-60"		±40			•	•	•
142520172	0-2000	0-80"		±50			•	•	•

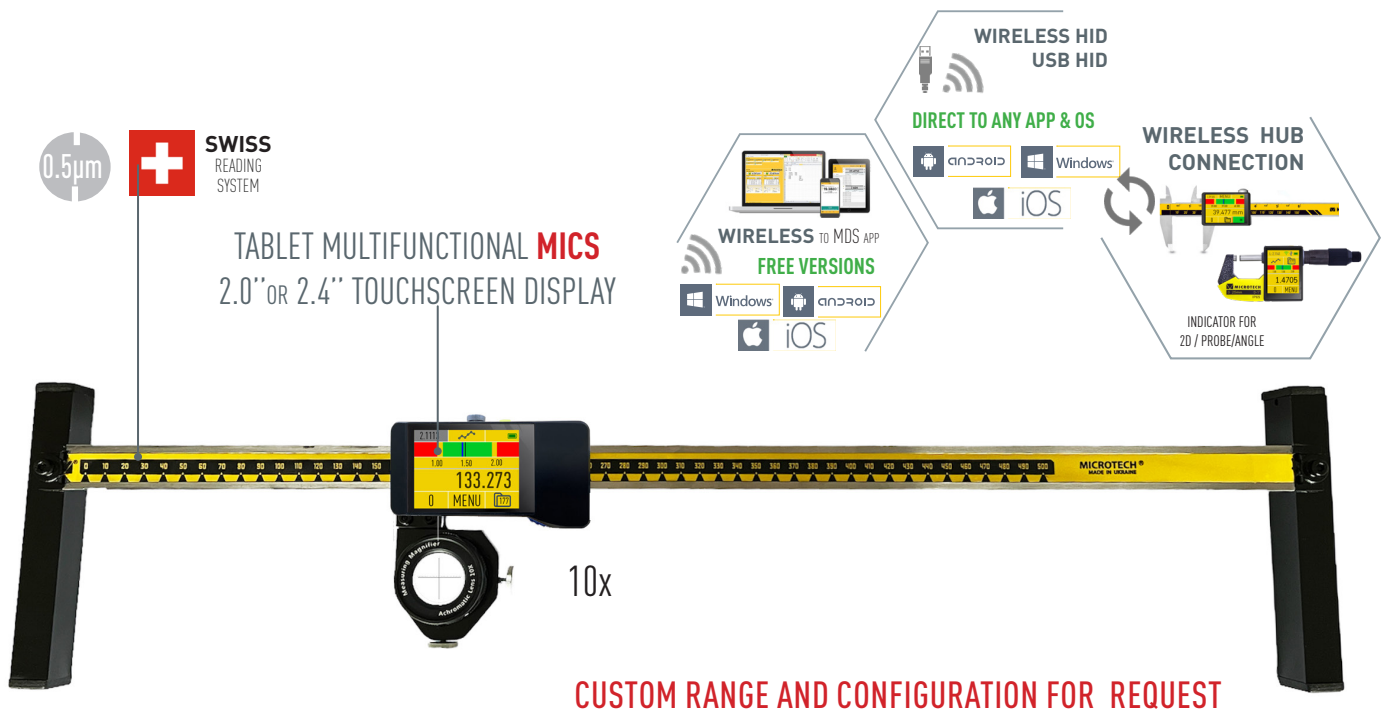


DELIVERY SET



OPTIONAL





DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **STANDARD** 0.01mm resolution reading system for big ranges
- **Magnifier** 10x loupe with scale
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy	Vision	Protection	2D connection	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID	MODBUS
	mm	inch	mm	µm																			
142503157	0-300	0-12"	0,0005	±12	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	OPTION
142505157	0-500	0-20"		±15			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142506157	0-600	0-24"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142508157	0-800	0-32"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142510157	0-1000	0-40"		±25			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142515157	0-1500	0-60"		±30			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142520157	0-2000	0-80"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142525155	0-2500	0-100"	0,01	±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142530155	0-3000	0-120"		±60			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142540155	0-4000	0-160"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142550155	0-5000	0-200"		±100			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	



DataMet interface



CONNECTION possibilities



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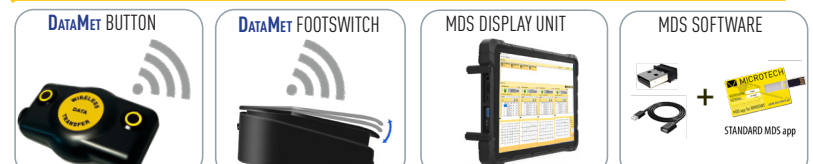
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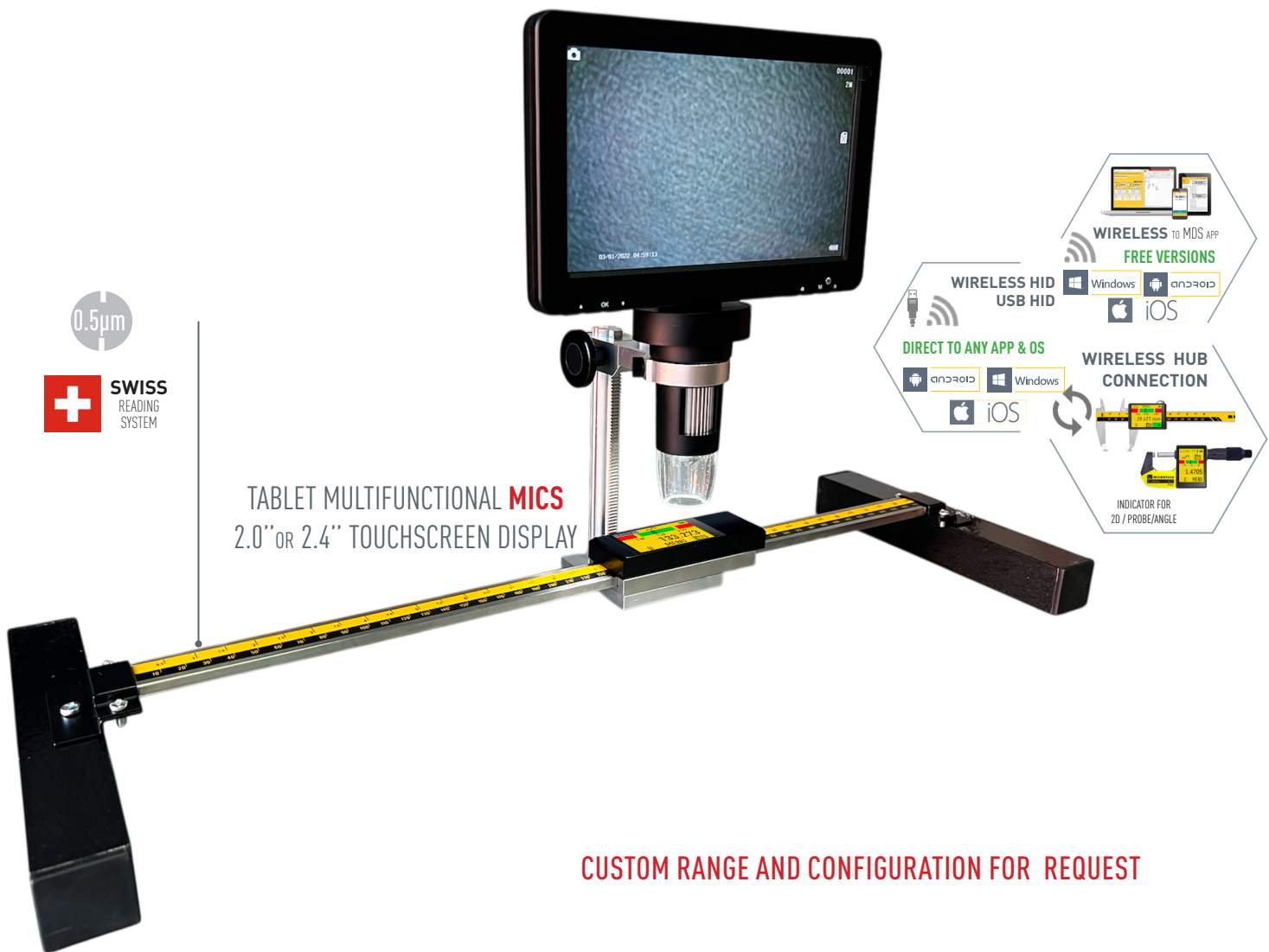


DELIVERY SET



OPTIONAL





CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 10/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- MICRON with **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- STANDARD 0.01mm resolution reading system for big ranges
- MICROSCOPE with display (HD 7" display, 12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID

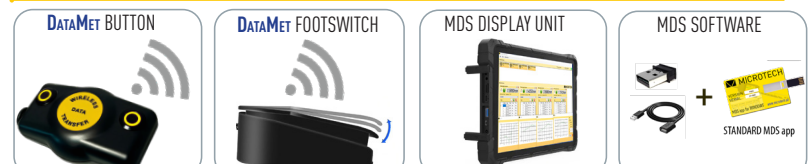
Item No	Range		Reso- lution	Accu- racy	Vision	Protection	2D connection	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID	MODBUS
	mm	inch	mm	µm																			
142503177	0-300	0-12"	0,0005	±12	microscope 7" display 12Mp 50-1200x	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	OPTION
142505177	0-500	0-20"		±15			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142506177	0-600	0-24"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142508177	0-800	0-32"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142510177	0-1000	0-40"		±25			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142515177	0-1500	0-60"	0,01	±30			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142520177	0-2000	0-80"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142525175	0-2500	0-100"		±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142530175	0-3000	0-120"		±60			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142540175	0-4000	0-160"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142550175	0-5000	0-200"		±100			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	

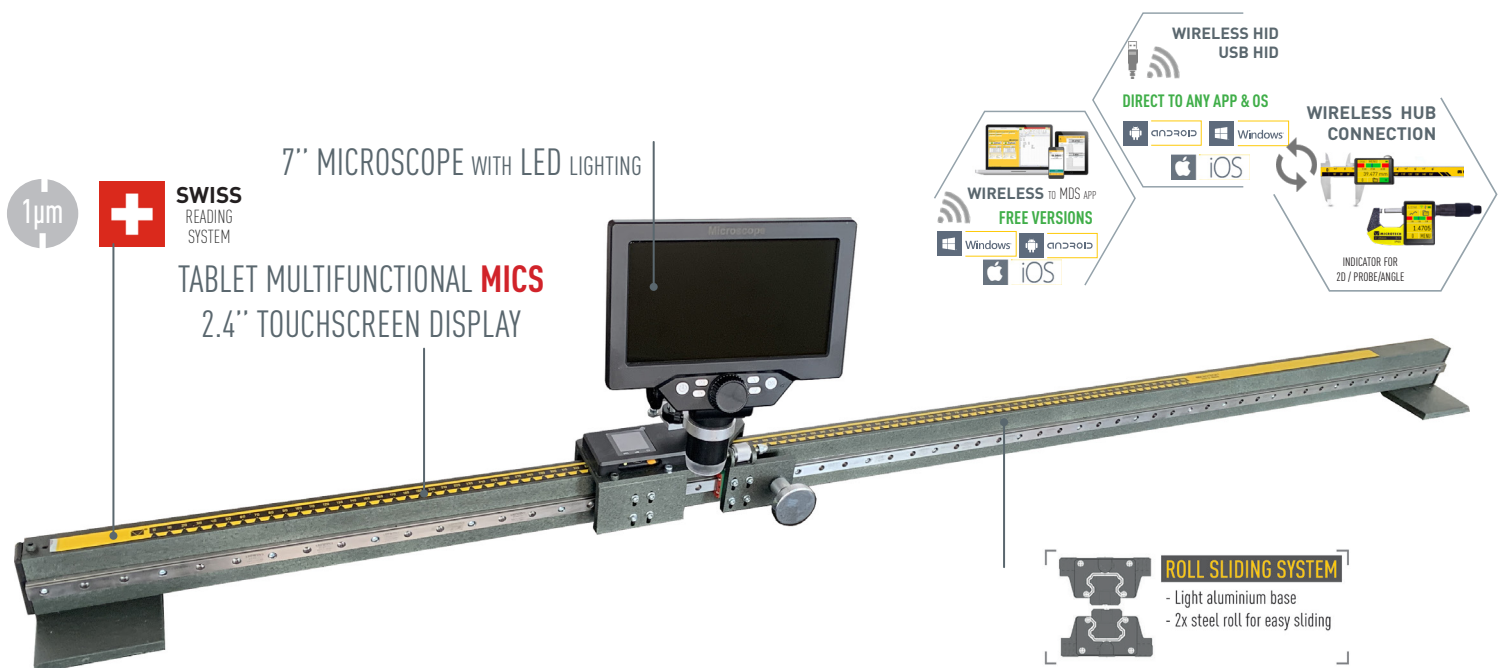


DELIVERY SET



OPTIONAL





CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ROLL SLIDING SYSTEM
- MICROSCOPE with display (HD 7" display, 12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- RANGE up to 3500 mm
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy	Vision	Roll system	Fine adjust	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID
	mm	inch	mm	μm																			
142505158	0-500	0-20"	0,0002	±10	microscope 7" display 12Mp 50-1200x	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•
142506158	0-600	0-24"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142508158	0-800	0-32"		±12		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142510158	0-1000	0-40"		±15		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142511158	0-1150	0-46"		±16		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142515158	0-1500	0-60"		±20		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142520158	0-2000	0-80"		±25		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142525158	0-2500	0-100"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142530158	0-3000	0-120"		±35		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142535158	0-3500	0-140"		±40		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•



DataMet
interface



CONNECTION
possibilities



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DELIVERY SET

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CALIBRATION PROTOCOL

USB DATA/CHARGING
CABLE



OPTIONAL

DATA MET BUTTON



DATA MET FOOTSWITCH



MDS DISPLAY UNIT



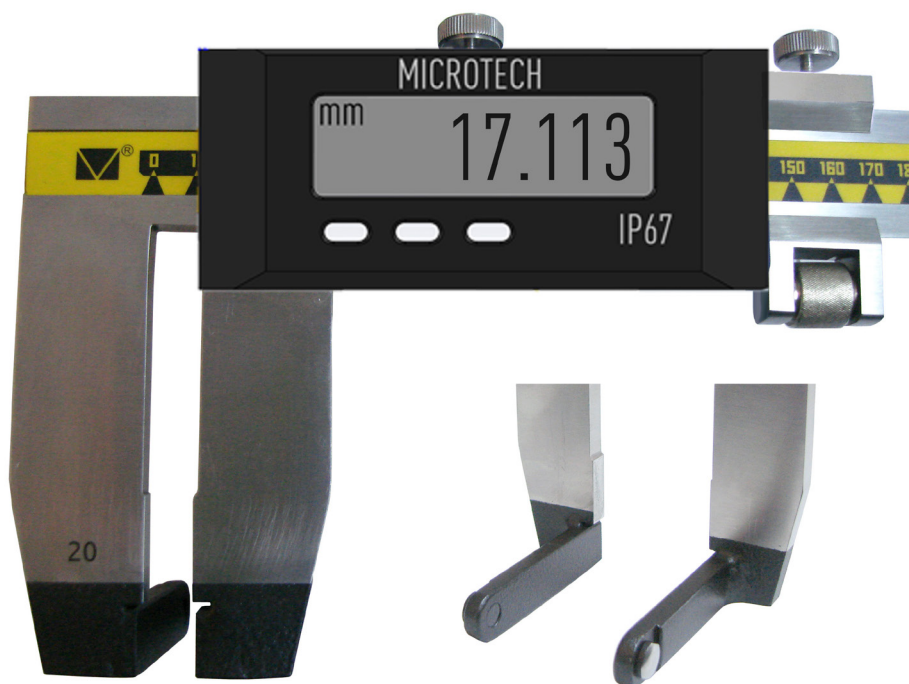
MDS SOFTWARE



- **SwissMet** digital Bore calipers for bore reading without removing the bar
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001 mm resolution
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67  **SWISS**
ELECTRONICS

1 μ m



Item No	Range				Reso- lution	Accu- racy	Jaws		Protection	Preset	mm/inch	Auto on/off	WIRESS
	Internal		External				Down	Depth					
	mm	inch	mm	inch									
141851123	22-300	0.9-12"	0-300	0-6"	0,01	±40	40	50	IP-67	•	•	•	
141851153	24-500	1-20"	0-500	0-20"		±50	100	60		•	•	•	
141851163	30-600	1.2-24"	0-600	0-24"		±60	100	100		•	•	•	
141851193	40-1000	1.6-40"	0-1000	0-40"		±90	150	150		•	•	•	
MICRON WIRELESS MICRON BORE CALIPER													
141851124	22-300	0.9-12"	0-300	0-6"	0,001	±30	40	50	IP-67	•	•	•	•
141851154	24-500	1-20"	0-500	0-20"		±40	100	60		•	•	•	•
141851164	30-600	1.2-24"	0-600	0-24"		±45	100	100		•	•	•	•
141851194	40-1000	1.6-40"	0-1000	0-40"		±70	150	150		•	•	•	•



SwissMet
interface



CONNECTION
possibilities



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DELIVERY SET

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CALIBRATION PROTOCOL

OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- Bore calipers for bore reading without removing the bar
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Calibration certificate included (ISO17025 (Ilac MRA))

0.5µm



SWISS
READING
SYSTEM



Item No	Range				Reso- lution	Accu- racy	Jaws		Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Internal		External				Down	Depth															
	mm	inch	mm	inch			mm	mm															
141851128	22-300	0.9-12"	0-300	0-6"	0,0005	±25	40	50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141851158	24-500	1-20"	0-500	0-20"		±35	60	60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141851168	30-600	1.2-24"	0-600	0-24"		±40	90	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
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CALIBRATION PROTOCOL

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CABLE



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DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app



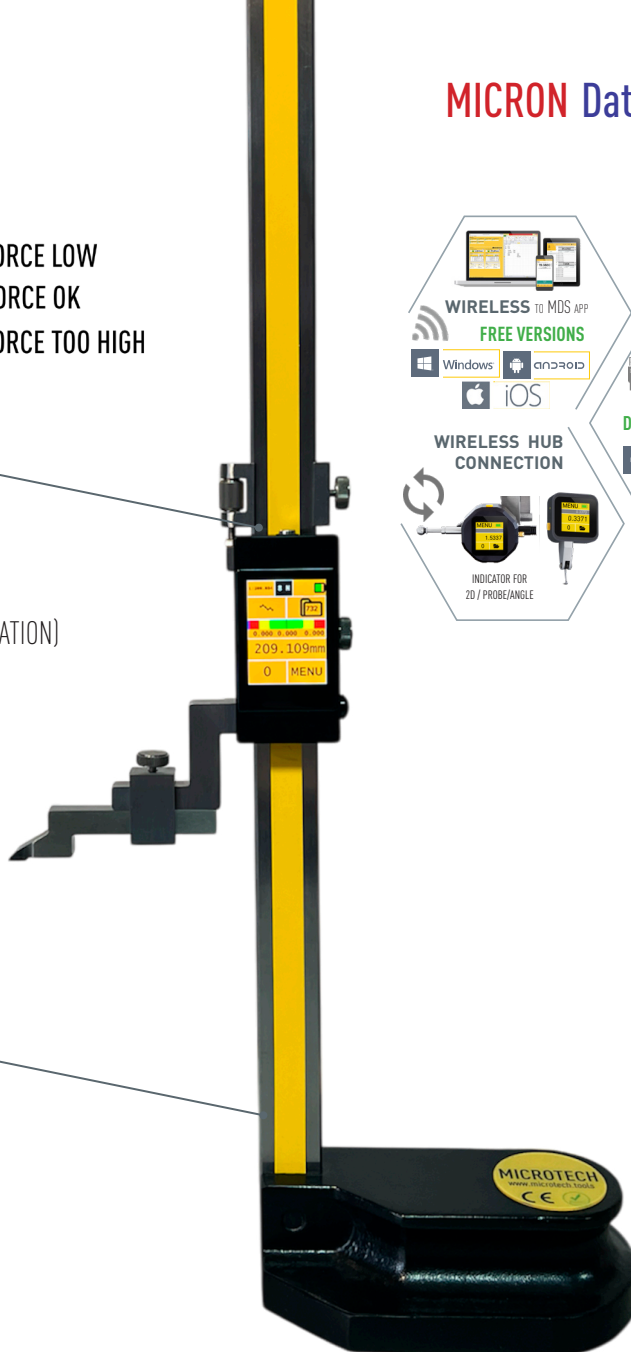
0N FORCE LOW
0N FORCE OK
0N FORCE TOO HIGH



3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION



SWISS
READING
SYSTEM



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted Tablet Force height gauge with computerized MICS system with 2.4" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA99686, UA2022050400
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- E-Force control module with Force selection 1-20N, color indication, AUTO-Force mode
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resol.	Accur.	eForce control	Fine adjustment	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																		
144303263	0-300	0-12"	0,0005	±15	1-20N	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144305263	0-500	0-20"		±20		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310263	0-1000	0-40"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144315263	0-1500	0-60"		±45		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144320263	0-2000	0-80"		±60		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



VIDEO

DELIVERY SET



SCRIBER



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USB DATA/CHARGING
CABLE



CALIBRATION PROTOCOL



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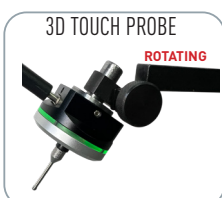
macOS
iOS



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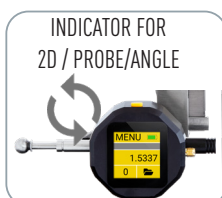
android

OPTIONS



3D TOUCH PROBE

ROTATING



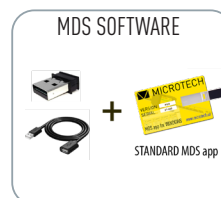
INDICATOR FOR
2D / PROBE/ANGLE



LEVER INDICATOR

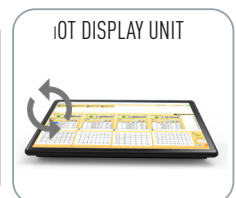


IOT DATA BUTTON



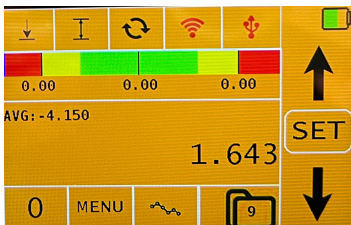
MDS SOFTWARE

STANDARD MDS app



IOT DISPLAY UNIT

TABLET MULTIFUNCTIONAL **MICS**
3.5" TOUCHSCREEN DISPLAY



DATAmet FUNCTIONS

2.1113 1.00 1.50 2.00 1.4705 0 MENU 177 ANALOG SCALE	L: 0.000 MENU 0.000 0.000 0.000 4 029mm 0 7N COLOR GO / NOGO	L: 0.000 MENU 0.000 0.000 0.000 4 029mm 0 7N COLOR MAX / MIN / RANGE	TIMER 0.000 sec RESET TIMER	Setting reply 1 Auto PRECISION Sensor 1 D = 1.000000 TOUCH PROBE SETTINGS	Formula Ax²+Bx+C Set Argv FORMULA Ax²+Bx+C
14.1936 average: 5.7457 -0.0004 50 points 21 GRAPHIC MODE 1D/2D	stat All Mode 1: 12.009 2: 36.646 3: 29.090 4: 23.070 5: 56.624 MEMORY 2000 values	stat All Mode Page 1/1 5 5 5 2 FOLDERS mode	Statistics MAX: 59.9510 MIN: 6.0090 AVG: 21.1826 D: 204.9000 MEMORY STATISTICS	Temp.com. Glass, Quartz, Mo 20.00 c° RES TEMPERATURE COMPENSATION	Menu OFF Memory OFF PIN: 0 PASSWORD
Display Angle 270 Sleep OFF Touch OFF DISPLAY & ENERGY	Resolution X.000 mm Normal RESOLUTION, mm/inch	MDS MODE Ultra Power CLEAR WIRELESS to MDS app	HID MODE AD: FE TA M: A: C t Arr dow Eco Power CLEAR WIRELESS & USB HID	0 P 0.334 0 75.573 MENU 177 HUB mode (2D, Probe)	MICROTECH MICRON CALIPER FW: 4.5.3 Op time: 0h Calibration 1.1.2025 MAC: F7:5B:B8:C0:95:88 MANUAL DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** double column micron height gauge with computerized MICS system with 3.5" color Touchscreen
- Patents US10184772, UA144230, UA126928, UA2022050400
- Manual wheel with Fine adjustment
- Carbide-tipped scriber
- Bi-directional measuring
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.	Accur.	Manual wheel	Fine adjustment	Scriber	1D Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	FW update	WIRELESS MDS	WIRELESS HID	USB HID
	mm	inch																				
144303271	0-300	0-12"	0,001	±15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306271	0-600	0-24"		±20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310271	0-1000	0-40"		±30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



VIDEO

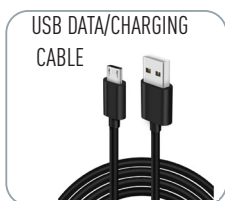
DELIVERY SET



SCRIBER



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USB DATA/CHARGING
CABLE



CALIBRATION PROTOCOL

OPTIONAL



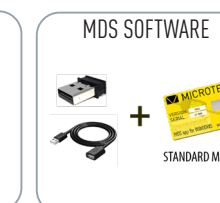
DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE

STANDARD MDS app



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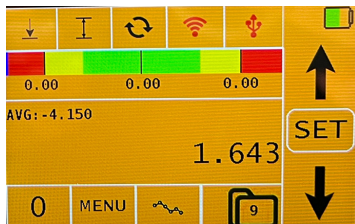
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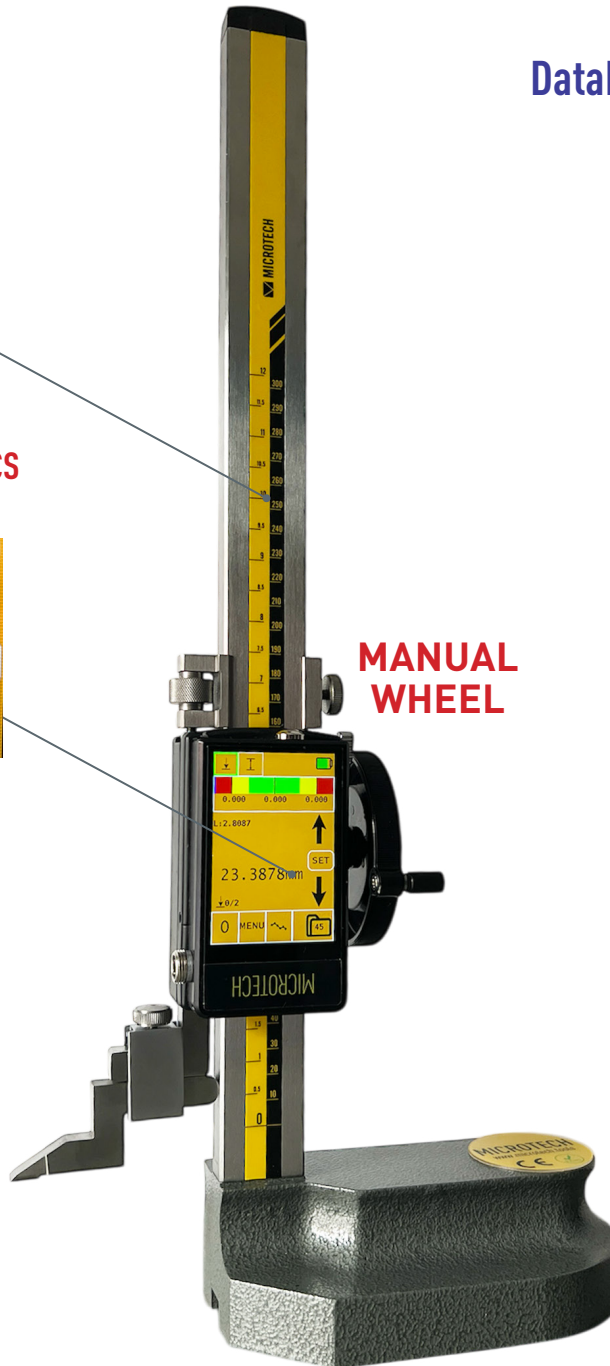


SWISS
READING
SYSTEM

TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY



**MANUAL
WHEEL**



WIRELESS TO MDS APP
FREE VERSIONS



WIRELESS HID
USB HID

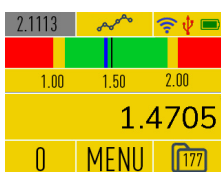
DIRECT TO ANY APP & OS



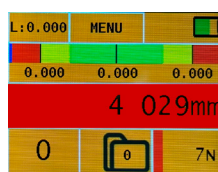
WIRELESS HUB
CONNECTION



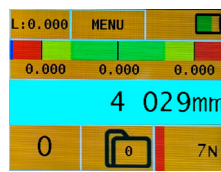
DATAmet FUNCTIONS



ANALOG SCALE



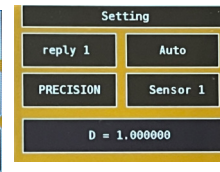
COLOR GO / NOGO



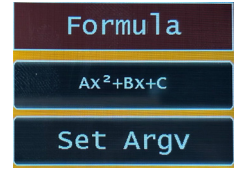
COLOR MAX / MIN / RANGE



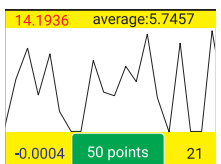
TIMER



TOUCH PROBE SETTINGS



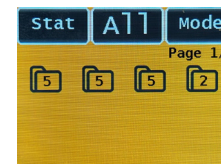
FORMULA Ax^2+Bx+C



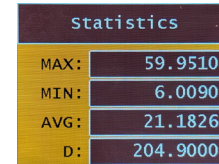
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



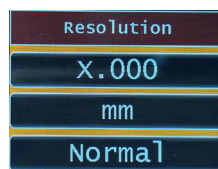
TEMPERATURE COMPENSATION



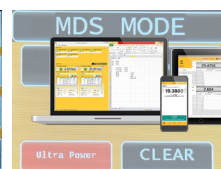
PASSWORD



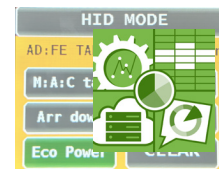
DISPLAY & ENERGY



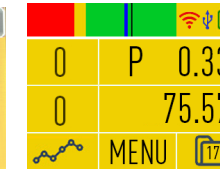
RESOLUTION, mm/inch



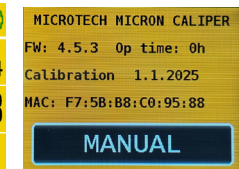
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** height gauge with computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Manual wheel with Fine adjustment
- Carbide-tipped scriber
- Optional 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Optional COMPUTERIZED indicator for contact **2D measurings/ANGLE measurings**
- Bi-directional measuring
- **Patents** US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, USB HID** direct to any app
- **Built-in rechargeable Li-Pol battery** (charging through USB port).
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.	Accur.	Manual wheel	Fine adjustment	Scriber	3D Touch Probe	Probe holder	COMP Indicator	2D measuring	Angle measuring	1D Graphic	2D Profile	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	FW update	WIRELESS MDS	WIRELESS HID	USB HID
	mm	inch																										
144303280	0-300	0-12"	0,0005	±15	•	•	•	option	option	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306280	0-600	0-24"		±20	•	•	•	option	option	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310280	0-1000	0-40"		±25	•	•	•	option	option	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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MDS app WINDOWS

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DOWNLOAD
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macOS
iOS



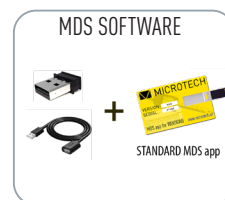
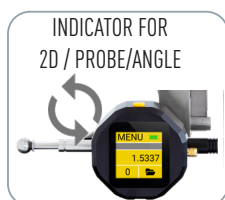
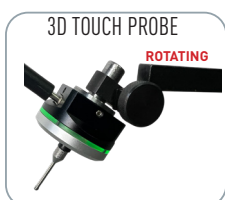
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android

DELIVERY SET



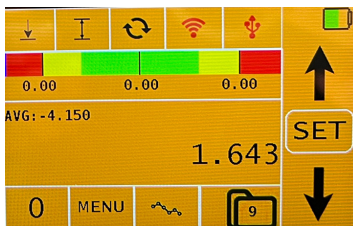
OPTIONS





SWISS
READING
SYSTEM

TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY

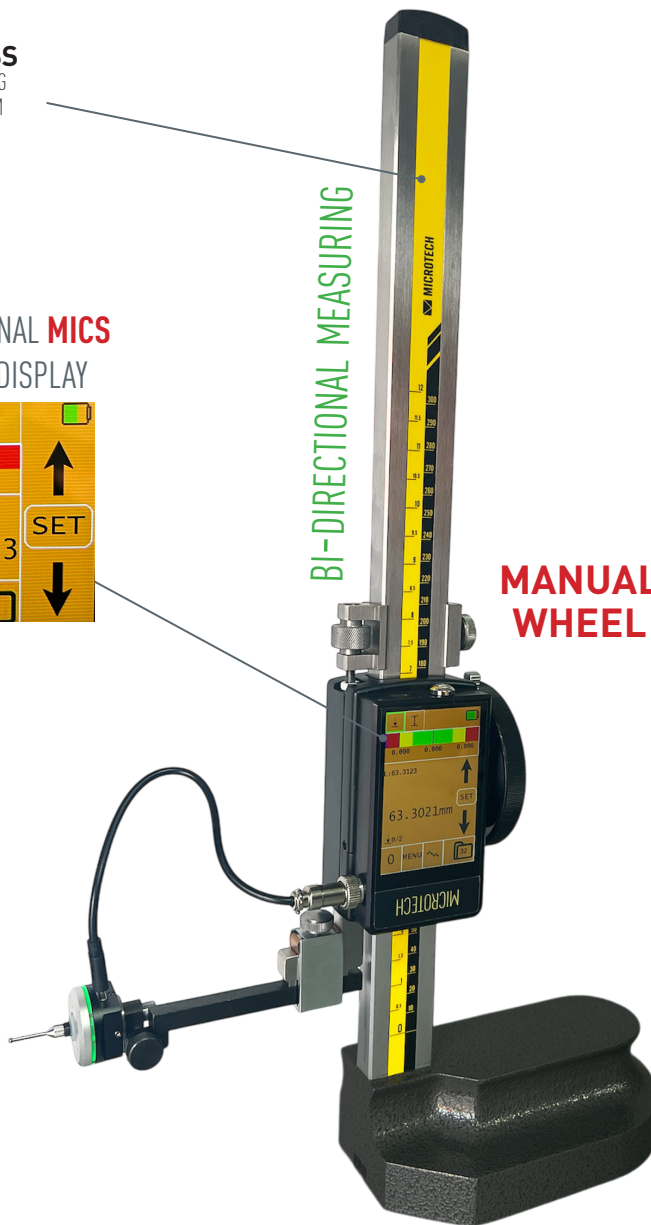


BI-DIRECTIONAL MEASURING

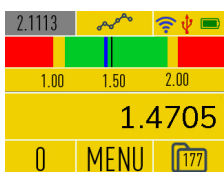
**MANUAL
WHEEL**



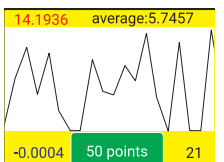
TOUCH PROBE &
SCRIBER IN SET



DATAmet FUNCTIONS



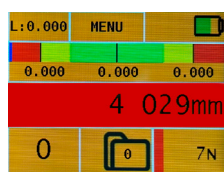
ANALOG SCALE



GRAPHIC MODE 10/2D



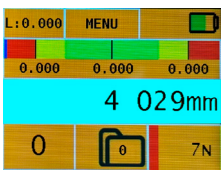
DISPLAY & ENERGY



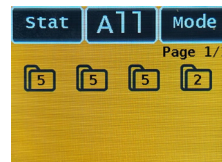
COLOR GO / NOGO



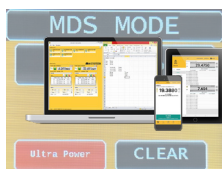
MEMORY 2000 values



COLOR MAX / MIN / RANGE



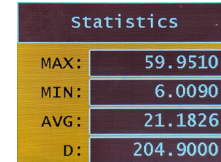
FOLDERS mode



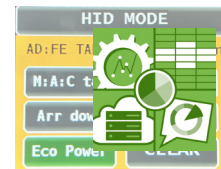
WIRELESS to MDS app



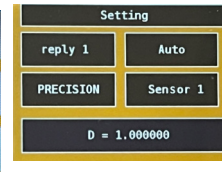
TIMER



MEMORY STATISTICS



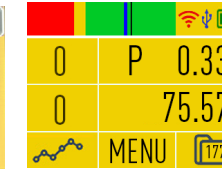
WIRELESS & USB HID



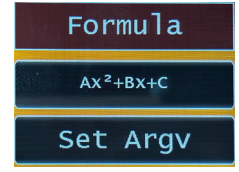
TOUCH PROBE SETTINGS



TEMPERATURE COMPENSATION



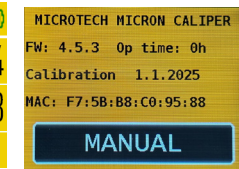
HUB mode (2D, Probe)



FORMULA Ax^2+Bx+C



PASSWORD



DEVICE INFO, UPDATE

- Industry 4.0 adopted TOUCH PROBE **DataMet** height gauge with computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Manual wheel with Fine adjustment
- 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional COMPUTERIZED indicator for contact **2D** measurements/**ANGLE** measurements
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle measuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.	Accur.	Manual wheel	Fine adjustment	Scriber	3D Touch Probe	Probe holder	COMP Indicator	2D measuring	Angle measuring	1D Graphic	2D Profile	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	FW update	WIRELESS MDS	WIRELESS HID	USB HID				
	mm	inch																											mm	µm		
144303281	0-300	0-12"	0,0005	±10	•	•	•	•	•	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
144306281	0-600	0-24"		±15	•	•	•	•	•				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310281	0-1000	0-40"		±20	•	•	•	•	•				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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Windows



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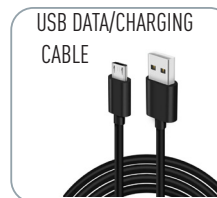
macOS
iOS



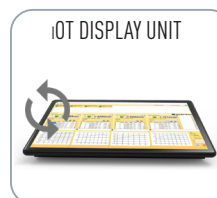
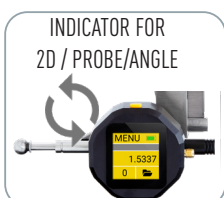
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android

DELIVERY SET



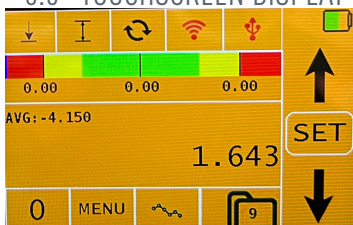
OPTIONS



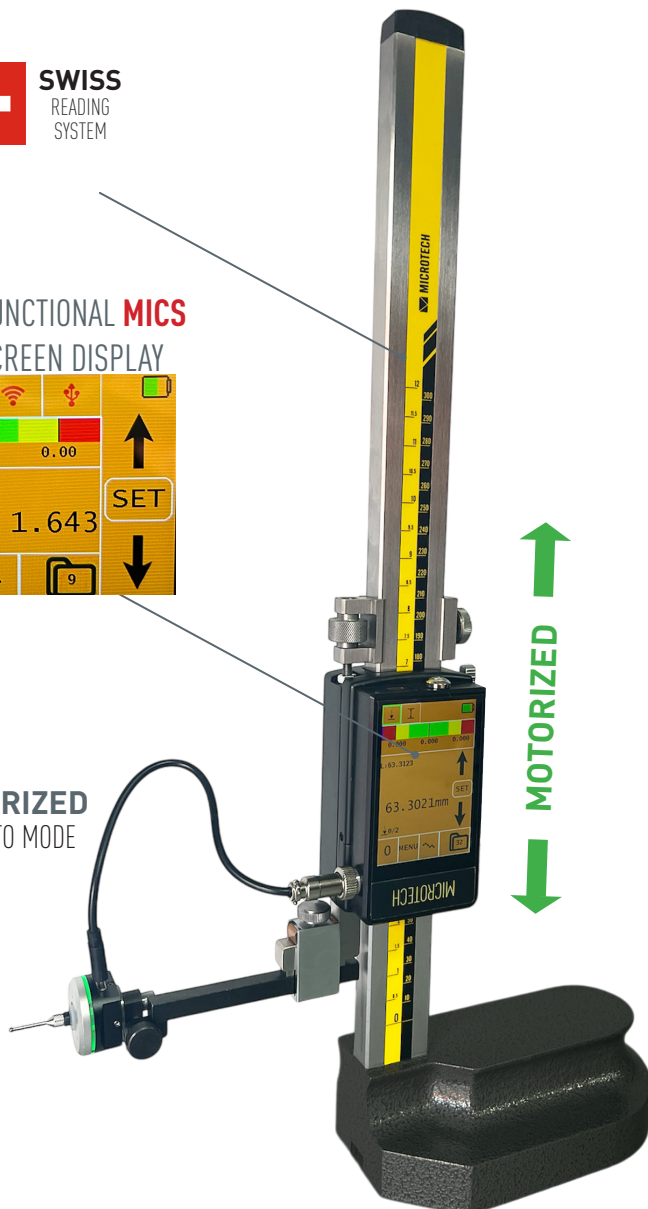


SWISS
READING
SYSTEM

TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY



MOTORIZED
WITH AUTO MODE



MOTORIZED



WIRELESS TO MDS APP
FREE VERSIONS



WIRELESS HID
USB HID



WIRELESS HUB
CONNECTION



OPTIONAL
MULTIFUNCTIONAL
REMOTE PANEL
144300002

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **MOTORIZED** TOUCH PROBE **DataMet** height gauge with computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional COMPUTERIZED indicator for contact 2D measurements/ANGLE measurements
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.	Accur.	Motorized	Meas speed	Scriber	3D Touch Probe	Probe holder	COMP Indicator	2D measuring	Angle measuring	1D Graphic	2D Profile	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	FW update	WIRELESS MDS	WIRELESS HID	USB HID
	mm	inch																										
144303283	0-300	0-12"	0,0005	±8	•	3	•	•	•	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144306283	0-600	0-24"		±12	•	3	•	•	•	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310283	0-1000	0-40"		±15	•	3	•	•	•	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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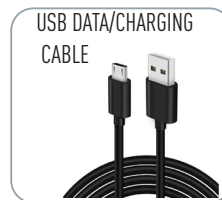
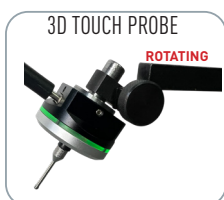
macOS
iOS



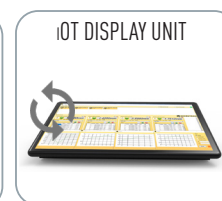
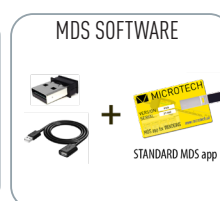
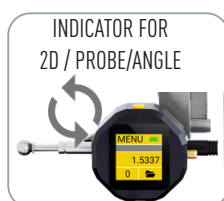
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MDS app ANDROID

android

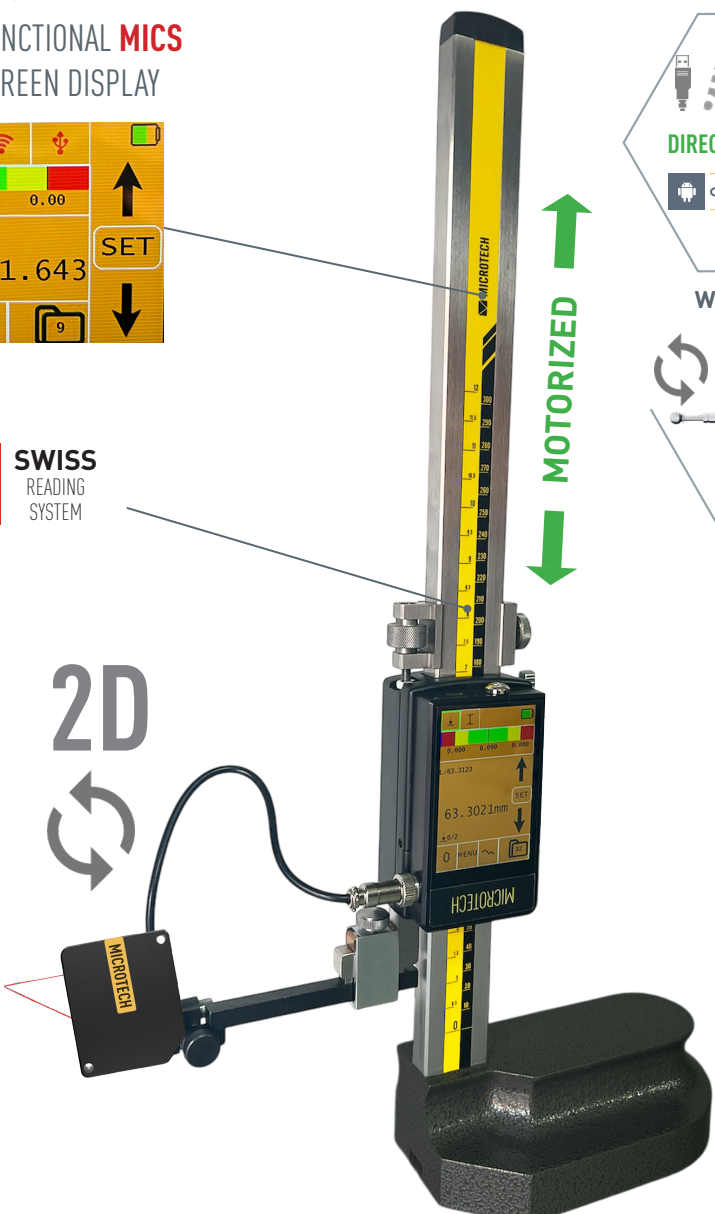
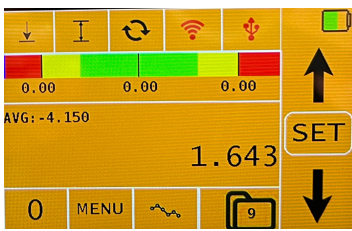
DELIVERY SET



OPTIONS

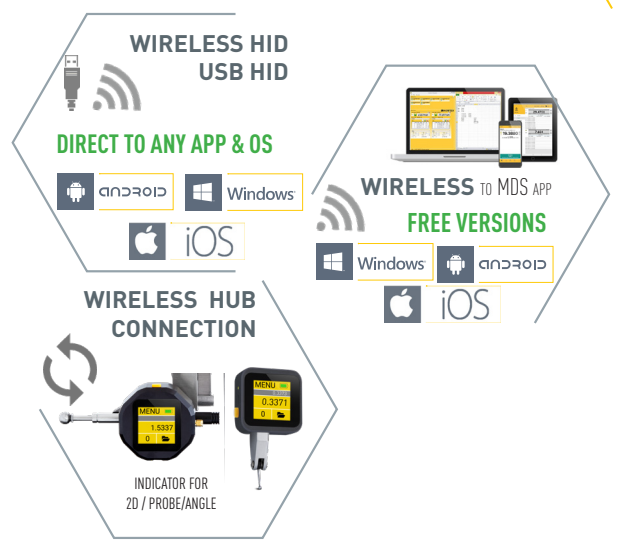


TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY



MOTORIZED

2D



OPTIONAL
MULTIFUNCTIONAL
REMOTE PANEL
144300002

DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted 2D **LASER MOTORIZED DataMet** height gauge with computerized **MICS** system
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- **RED LASER** displacement sensor for 2D measurings/ANGLE measurings/PROBE mode
- **MICRON** resolution **RED LASER** displacement sensor with response time up 4KHz, range up to ± 60 mm
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.		Accuracy		Motorized	X axis LASER	Measuring speed	2D mode	Probe mode	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB		
	Z	X laser	Z	X laser	Z	X* laser																			
	mm	mm	mm	mm	µm	µm																			
144303294	0-300	±4	0,0005	0,001	±8	±10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update		
144306294	0-600				±12	±10	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•
144306296		±20			±20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	
144310294	0-1000	±4			±15	±10	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•
144310296		±20				±20	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•
144310297		±60				±60	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•

*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)



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MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



DELIVERY SET



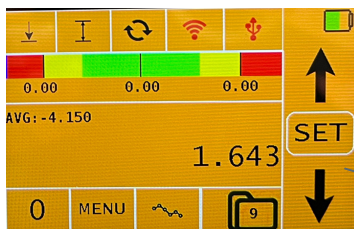
OPTIONS





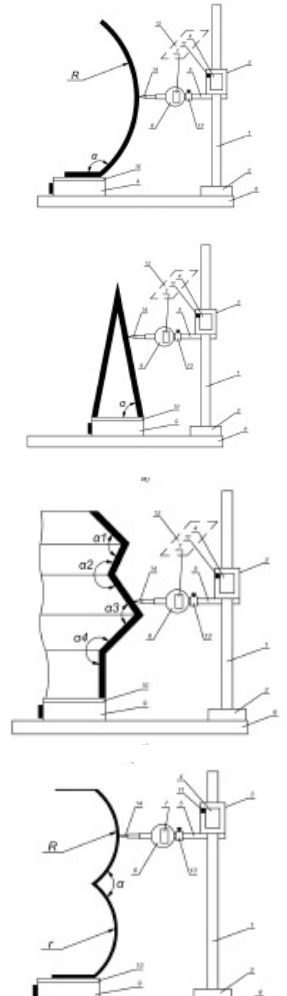
SWISS
READING
SYSTEM

TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY

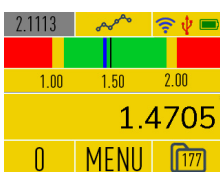


**MANUAL
WHEEL**

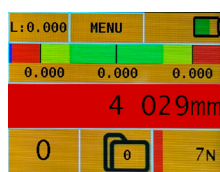
2D



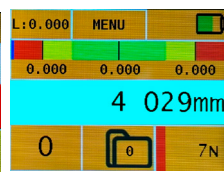
DATAmet FUNCTIONS



ANALOG SCALE



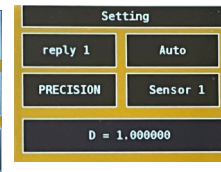
COLOR GO / NOGO



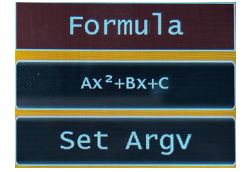
COLOR MAX / MIN / RANGE



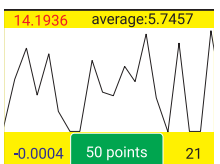
TIMER



TOUCH PROBE SETTINGS



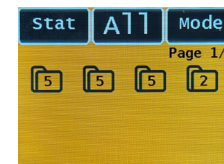
FORMULA Ax^2+Bx+C



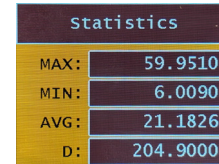
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



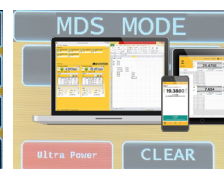
PASSWORD



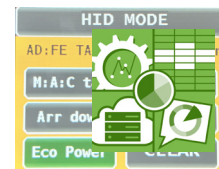
DISPLAY & ENERGY



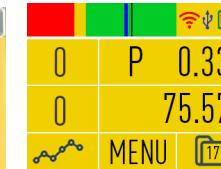
RESOLUTION, mm/inch



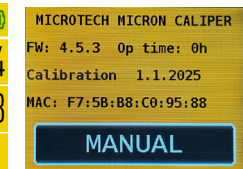
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted 2D micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Patents US10184772, UA144230, UA126928, UA2022050400
- Manual wheel with Fine adjustment
- COMPUTERIZED indicator for contact 2D measurings / ANGLE measurings
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Bi-directional measuring
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle measuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.		Accu- racy	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	IUSE
	Z	X	Z	X													
	mm	mm	mm	mm													
144303371	0-300	0-25	0,0005	0,0001	±15	●	●	●	●	●	●	●	●	●	Folders / 2000 val	Long range / HID	IJSR HID / Update
144306371	0-600				±20	●	●	●	●	●	●	●	●	●			
144306372		0-50				●	●	●	●	●	●	●	●				
144310371	0-1000	0-25			±30	●	●	●	●	●	●	●	●	●			
144310372		0-50				●	●	●	●	●	●	●	●				
144310373		0-100				●	●	●	●	●	●	●	●	●			



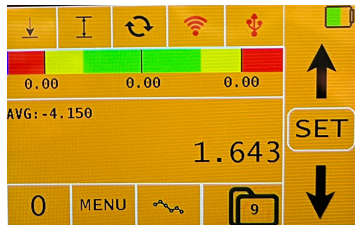
DELIVERY SET



OPTIONS



TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY

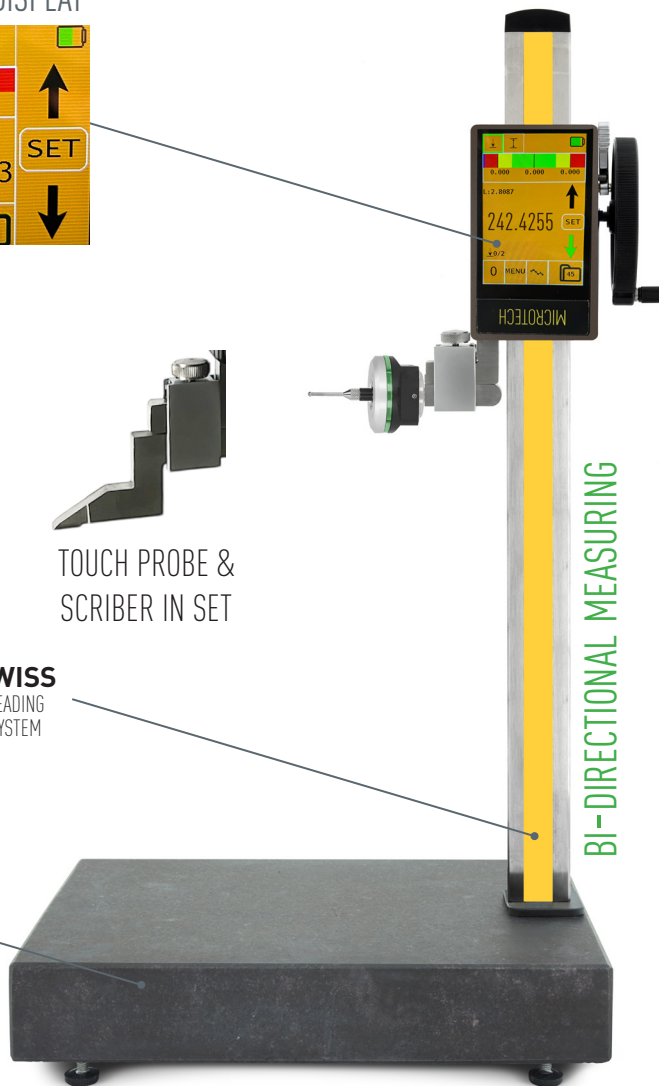


TOUCH PROBE &
SCRIBER IN SET



SWISS
READING
SYSTEM

GRANITE BASE GR.00



BI-DIRECTIONAL MEASURING



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted Tablet micron height gauge with granite base and computerized **MICS** system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Manual wheel with Fine adjustment
- 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional COMPUTERIZED indicator for contact 2D measurings/ANGLE measurings
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.	Accur.	Granite base	Manual wheel	Fine adjustment	Scriber	3D Touch Probe	Probe holder	COMP Indicator	2D measuring	Angle measuring	1D Graphic	2D Profile	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	FW update	WIRELESS MDS	WIRELESS HID	USB HID					
	mm	inch																												mm	μm	mm		
144303291	0-300	0-12"	0,0005	±10	300x200	•	•	•	•	•	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
144306291	0-600	0-24"		±15		•	•	•	•	•				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310291	0-1000	0-40"		±20		•	•	•	•	•				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet interface



CONNECTION possibilities

DOWNLOAD
MDS app WINDOWSDOWNLOAD
MDS app iOS, MacOSDOWNLOAD
MDS app ANDROID

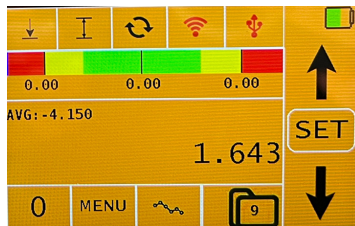
DELIVERY SET



OPTIONS



TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY



MOTORIZED
WITH AUTO MODE



TOUCH PROBE &
SCRIBER IN SET



SWISS
READING
SYSTEM

GRANITE BASE GR.00



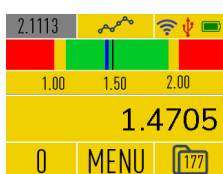
BI-DIRECTIONAL MEASURING

MOTORIZED

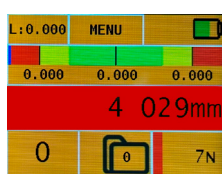


OPTIONAL
MULTIFUNCTIONAL
REMOTE PANEL
144300002

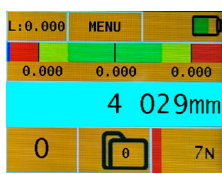
DATAmet FUNCTIONS



ANALOG SCALE



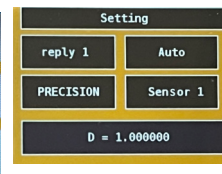
COLOR GO / NOGO



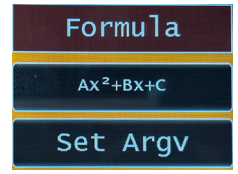
COLOR MAX / MIN / RANGE



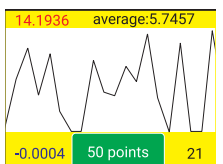
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax^2+Bx+C



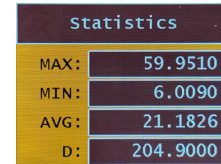
GRAPHIC MODE 1D/2D



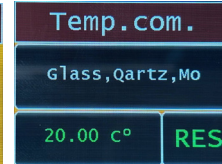
MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



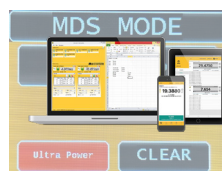
PASSWORD



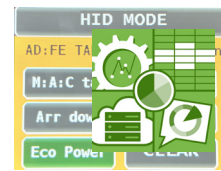
DISPLAY & ENERGY



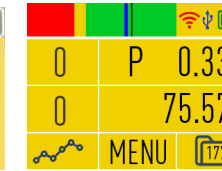
RESOLUTION, mm/inch



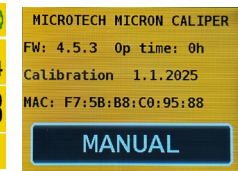
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted MOTORIZED Tablet micron height gauge with Granite base and with computerized **MICS** system
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- Precision 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Granite base gr.00
- Optional COMPUTERIZED indicator for contact 2D measurings/ANGLE measurings
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.	Accur.	Granite base	Motorized	Meas speed	Scriber	3D Touch Probe	Probe holder	COMP Indicator	2D measuring	Angle measuring	1D Graphic	2D Profile	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	FW update	WIRELESS MDS	WIRELESS HID	USB HID					
	mm	inch																												mm	µm	mm		
144303293	0-300	0-12"	0,0005	±5	300x200	•	3	•	•	•	option	option	option	•	option	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
144306293	0-600	0-24"		±8		•	3	•	•	•				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
144310293	0-1000	0-40"		±12		•	3	•	•	•				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

macOS
iOS



DOWNLOAD
MDS app ANDROID

android

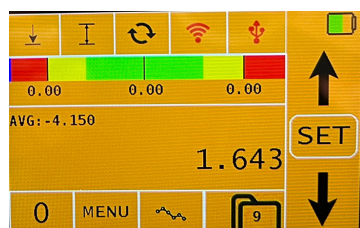
DELIVERY SET



OPTIONS



TABLET MULTIFUNCTIONAL **MICS**
3.5" TOUCHSCREEN DISPLAY



2D

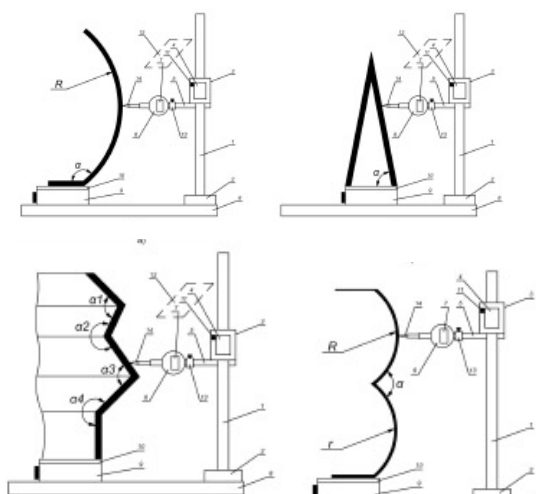


**MANUAL
WHEEL**



**SWISS
READING
SYSTEM**

GRANITE BASE GR.00



DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted 2D micron height gauge with computerized MICS system with 3.5" color Touchscreen
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- Patents US10184772, UA144230, UA126928, UA2022050400
- Manual wheel with Fine adjustment
- COMPUTERIZED indicator for contact 2D measurements/ANGLE measurements
- Carbide-tipped scriber can be installed (in DELIVERY SET)
- Optional 5-axis Touch-trigger Probe with interchangeable stylus on holder arm with rotation.
- Granite base gr.00
- Bi-directional measuring
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, USB HID direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.		Accu- racy	Granite base gr.00	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	IISI	
	Z	X	Z	X															
	mm	mm	mm	mm															
144303391	0-300	0-25	0,0005	0,0001	±15	300x200	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	ISR HID / Update	
144306391	0-600				±20		•	•	•	•	•	•	•	•	•				•
144306392		0-50			•	•	•	•	•	•	•	•	•	•					
144310391	0-1000	0-25			±30	400x300	•	•	•	•	•	•	•	•	•				•
144310392		0-50					•	•	•	•	•	•	•	•	•				•
144310393		0-100					•	•	•	•	•	•	•	•	•				•



DataMet
interface



CONNECTION
possibilities



VIDEO



DOWNLOAD
MDS app WINDOWS



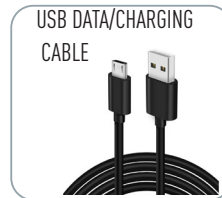
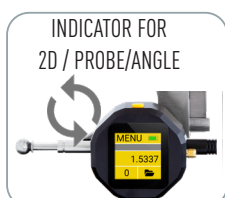
DOWNLOAD
MDS app iOS, MacOS



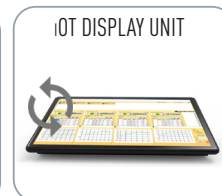
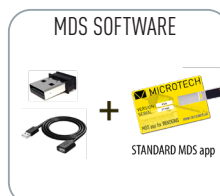
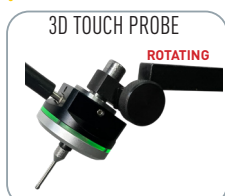
DOWNLOAD
MDS app ANDROID



DELIVERY SET



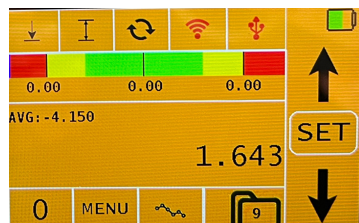
OPTIONS



0.5µm

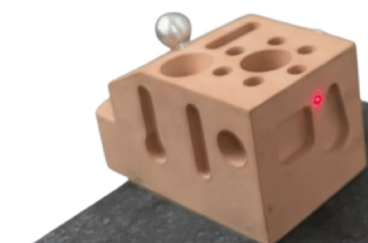


SWISS
READING
SYSTEM



TABLET MULTIFUNCTIONAL MICS
3.5" TOUCHSCREEN DISPLAY

2D



GRANITE BASE GR.00



MOTORIZED



OPTIONAL
MULTIFUNCTIONAL
REMOTE PANEL
144300002

DataMet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted 2D LASER MOTORIZED Tablet micron height gauge with Granite base and with computerized **MICS** system
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- **RED LASER** displacement sensor for 2D measurings/ANGLE measurings/PROBE mode
- **MICRON** resolution **RED LASER** displacement sensor with response time up 4KHz, range up to ±60mm
- Granite base gr.00
- Bi-directional measuring
- Patents US10184772, UA144230, UA126928, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula's, Timer, Linear correction, Temperature correction, FW update, Calibration date control, e-Link to manual and app download, Operating hours control
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Angle meaasuring
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app
- Built-in rechargeable Li-Pol battery (charging through USB port).
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolut.		Accuracy		Granite base gr.00	Motorized	X axis LASER	Measuring speed	2D mode	Probe mode	2D connection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB
	Z	X laser	Z	X laser	Z	X* laser																		
	mm	mm	mm	mm	µm	µm																		
144303394	0-300	±4	0,0005	0,001	±8	±10	300x200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144306394	0-600				±12	±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
144306396		±20			±20	•		•	•	•	•	•	•	•	•	•	•	•	•	•				
144310394	0-1000	±4			±15	±10	400x300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
144310396		±20				±20		•	•	•	•	•	•	•	•	•	•	•	•	•	•			
144310397		±60				±60		•	•	•	•	•	•	•	•	•	•	•	•	•	•			

*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)



DOWNLOAD
MDS app WINDOWS

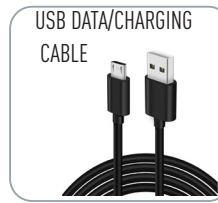
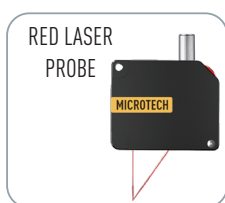



DOWNLOAD
MDS app iOS, MacOS

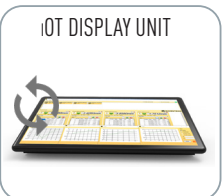
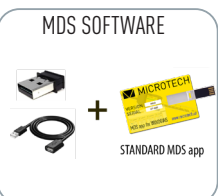



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MDS app ANDROID


DELIVERY SET



OPTIONS



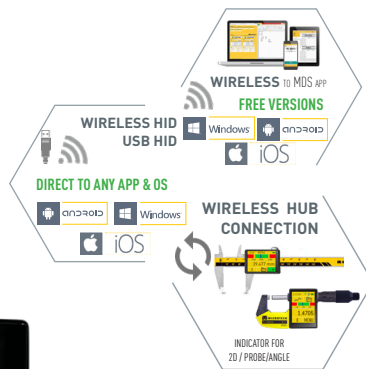
TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY

0,1µm

CERAMIC BASE

TOP QUALITY
GERMAN MADE

10x HARDER AND
WEAR-RESIST THAN GRANITE



0,1µm

GRANITE BASE

TOP QUALITY
GERMAN MADE

HELICAT THREAD

DATAmet FUNCTIONS



- Industry 4.0 adopted sub-micron Tablet indicator with computerized MICS system with 2.4" color Touchscreen
- GRANITE OR CERAMIC base gr.00
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Modification with ROTATING display for using in bore gauges and other custom solution
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet SUB-MICRON HEIGHT GAUGE ON GRANITE BASE

Item No	Range		Resolution	Accuracy	Granite Base				2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	IISR	
					Table size	Grade	Adjust arm	Helical thread																		
	mm	inch	mm	µm	mm																					
144301228	0-13	0-0.5"	0,0001	±1.2	200x100	00			•	•	•	•	•	•	•	•	•	•	•	•	•		Folders / 2000 val	Long range / HID	IISR HID / Update	
144301248					400x250	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•
144302228	0-25	0-1"		±1.5	200x100	00			•	•	•	•	•	•	•	•	•	•	•	•	•	•				
144302248					400x250	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•
144305228	0-50	0-2"		±2	200x100	00			•	•	•	•	•	•	•	•	•	•	•	•	•	•				
144305248					400x250	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•
144309228	0-100	0-4"		±3	200x100	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
144309248					400x250	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•
144309548	0-150	0-6"	0,0002	±4	400x250	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
144309648	0-200	0-8"		±5	400x250	00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				

DataMet SUB-MICRON HEIGHT GAUGE ON CERAMIC BASE

Item No	Range		Resolution	Accuracy	Ceramic Base	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	
	mm	inch																					mm
144301238	0-13	0-0.5"	0,0001	±1.2	200x100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range /	
144302238	0-25	0-1"		±1.5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
144305238	0-50	0-2"		±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
144309238	0-100	0-4"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			



DataMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS



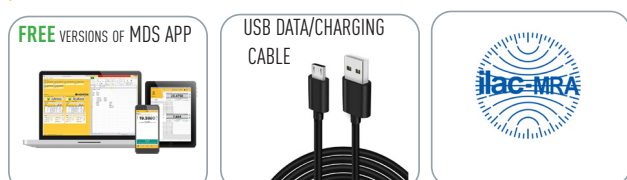
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MDS app iOS, MacOS



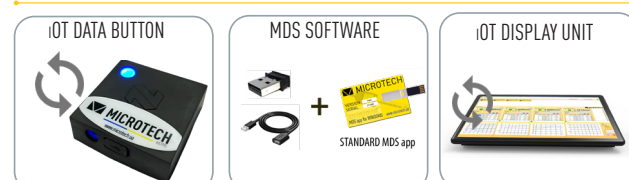
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MDS app ANDROID



DELIVERY SET



OPTIONAL



TABLET MULTIFUNCTIONAL MICS
2.4" TOUCHSCREEN DISPLAY

0,5µm



SWISS
READING
SYSTEM



NON-ROTATING
0-50MM RANGE

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	Setting	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	STATISTICS	Temp.com.	FORMULA Ax^2+Bx+C
Display	Resolution	MDS MODE	HID MODE	TEMPERATURE COMPENSATION	PASSWORD

- Industry 4.0 adopted **DataMet** micrometer with computerized MICS system (2,4" color Touchscreen)
- **DOUBLE RANGE (50mm) with NON-ROTATING SPINDLE**
- **SWISS** reading system with 0.5 micron resolution (0,0005/0,001/0,01 mm selecting)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing and handle (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

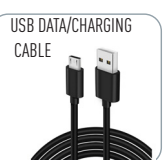
NON-ROTATING DataMet MICROMETER

Item No	Range	Resolution	Accuracy	Repeat-ability	Anvils D	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS	
	mm	mm	µm	µm	mm																	
110170519	0-50	0,0005	±2	0,5	8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	OPTION	
110171019	50-100		±3			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
110171519	100-150		±3	1,0		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110172019	150-200		±4			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110172519	200-250		±4			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110173019	250-300		±5			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110173519	300-350		±5			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110174019	350-400		±5			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110174519	400-450		±6			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110175019	450-500		±6			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

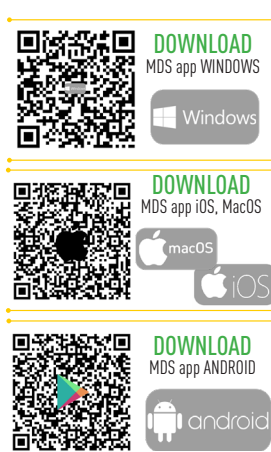
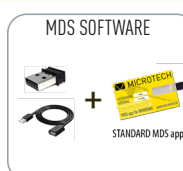
OPTION



DELIVERY SET



OPTIONAL



DOWNLOAD APP



0,1µm

TABLET MULTIFUNCTIONAL **MICS**
2.0" TOUCHSCREEN DISPLAY



NEW MODEL 2026

DATAmet FUNCTIONS

2.1113 1.00 1.50 2.00 1.4705 0 MENU 177 ANALOG SCALE	L: 0.000 MENU 0.000 0.000 0.000 4 029mm 0 0 7N COLOR GO / NOGO	L: 0.000 MENU 0.000 0.000 0.000 4 029mm 0 0 7N COLOR MAX / MIN / RANGE	TIMER 0.000 sec RESET TIMER	Setting reply 1 Auto PRECISION Sensor 1 D = 1.000000 TOUCH PROBE SETTINGS	Formula Ax^2+Bx+C Set Argv FORMULA Ax^2+Bx+C
14.1936 average: 5.7457 -0.0004 50 points 21 GRAPHIC MODE 1D/2D	Stat All Mode 1: 12.009 2: 36.646 3: 29.090 4: 23.070 5: 56.624 MEMORY 2000 values	Stat All Mode Page 1/1 5 5 5 2 FOLDERS mode	Statistics MAX: 59.9510 MIN: 6.0090 AVG: 21.1826 D: 204.9000 MEMORY STATISTICS	Temp.com. Glass, Quartz, Mo 20.00 c° RES TEMPERATURE COMPENSATION	Menu OFF Memory OFF PIN: 0 PASSWORD
Display Angle 270 Sleep OFF Touch OFF	Resolution X.000 mm Normal	MDS MODE Ultra Power CLEAR	HID MODE AD: FE TA M: A: C t Arr dow Eco Power CLEAR	0 P 0.334 0 75.573 MENU 177	MICROTECH MICRON CALIPER FW: 4.5.3 Op time: 0h Calibration 1.1.2025 MAC: F7:5B:B8:C0:95:88 MANUAL

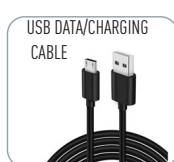
- Industry 4.0 adopted DataMet Sub-micron micrometer with computerized MICS system (2,0" color Touchscreen)
- Patents UA126928, UA99686, UA2022050400
- Non-rotating spindle
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolution	Accuracy	Repeatability	Anvils D	Non-rotating	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	μm	mm													
110130258	0-25	0-1"	0,0001	±1,5	0,5	6.5	•	•	•	•	•	•	•	•	•	•	•	•	•
110130508	25-50	1-2"		±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•
110130758	50-75	2-3"		±2,2			•	•	•	•	•	•	•	•	•	•	•	•	•
110131008	75-100	3-4"		±2,5			•	•	•	•	•	•	•	•	•	•	•	•	•

NON-ROTATING DataMet MICROMETER SET

Item No	Range		Resolution	QTY
	mm	inch	mm	pcs
110131118	0-100	0-4"	0,0001	4

DELIVERY SET



OPTIONAL



0,1μm

TABLET MULTIFUNCTIONAL MICS
2.0" TOUCHSCREEN DISPLAY



NEW MODEL 2026

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	MICROTECH MICRON CALIPER

- Industry 4.0 adopted DataMet Sub-micron micrometer with computerized MICS system (2,0" color Touchscreen)
- Patents UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy	Repeat- ability	Anvils D	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm	mm												
110130257	0-25	0-1"	0,0001	±1,0	0,5	6,5	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110130507	25-50	1-2"		±1,2	0,5		•	•	•	•	•	•	•	•	•			
110130757	50-75	2-3"		±1,5	0,8		•	•	•	•	•	•	•	•	•			
110131007	75-100	3-4"		±2,0	0,8		•	•	•	•	•	•	•	•	•			
110131257	100-125	4-5"		±2,0	1,0		•	•	•	•	•	•	•	•	•			
110131507	125-150	5-6"		±2,0	1,0		•	•	•	•	•	•	•	•	•			
110131757	150-175	6-7"		±2,5	1,0		•	•	•	•	•	•	•	•	•			
110132007	175-200	7-8"		±2,5	1,0		•	•	•	•	•	•	•	•	•			
110132257	200-225	8-9"		±3,0	1,0		•	•	•	•	•	•	•	•	•			
110132507	225-250	9-10"		±3,0	1,0		•	•	•	•	•	•	•	•	•			
110132757	250-275	10-11"		±3,0	1,0		•	•	•	•	•	•	•	•	•			
110133007	275-300	11-12"		±3,0	1,0		•	•	•	•	•	•	•	•	•			

DataMet MICROMETER SET

Item No	Range		Reso- lution	QTY
	mm	inch	mm	pcs
110131117	0-100	0-4"	0,0001	4
110131517	0-150	0-6"		6
110132117	0-200	0-8"		8
110133117	0-300	0-12"		12

DELIVERY SET



OPTIONAL





TABLET MULTIFUNCTIONAL MICS
2.0" TOUCHSCREEN DISPLAY



NEW MODEL 2026

CARBON FIBER FRAME

SOLID CARBON FRAME (10MM DEPTH)

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	

- **LAB LEVEL** adopted DataMet Sub-micron micrometer with computerized MICS system (2,0" color Touchscreen)
- **Carbon Fiber micrometer frame** (10mm depth) provides ultra-stable, lightweight construction with near-zero thermal expansion, reducing hand-heat drift and deformation for higher repeatability and accuracy
- **Reading system with 0.1 micron resolution** (0,0001/0,001/0,01 mm selecting)
- **Patents** UA126928, UA99686, UA2022050400
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration certificate** included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy	Repeat- ability	Anvils D	Non-rotating	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm	mm													
110130257C	0-25	0-1"	0,0001	±0,5	0,25	4		•	•	•	•	•	•	•	•	•	•	•	•
110130258C				±1	0,5		•	•	•	•	•	•	•	•	•	•	•	•	•

DELIVERY SET



OPTIONAL





TABLET MULTIFUNCTIONAL MICS
2.4" TOUCHSCREEN DISPLAY



OPTIONAL MODBUS ASCII, MODBUS TCP/IP

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	TEMPERATURE COMPENSATION	MICROTECH MICRON CALIPER

- Industry 4.0 adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- Bench configuration for laboratory using
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet BENCH MICROMETER

Item No	Range				Resol.	Accur.	Non-rotating	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Stand		Micrometer head																			
	mm	inch	mm	inch	mm	µm																
110180278	0-25	0-1"	0-25	0-1"	0,0001	±1.0		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180288						±1.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180578	0-50	0-2"	0-50	0-2"	0,0005	±1.5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180588						±2.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS DataMet BENCH MICROMETER

Item No	Range				Resol.	Accur.	Non-rotating	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	Stand		Micrometer head																						
	mm	inch	mm	inch		mm																			
110180278M	0-25	0-1"	0-25	0-1"	0,0001	±1.0		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
110180288M						±1.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110180578M	0-50	0-2"	0-50	0-2"	0,0005	±1.5		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		option
110180588M						±2.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet interface



CONNECTION possibilities



MODBUS protocol



VIDEO



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MDS app WINDOWS
Windows

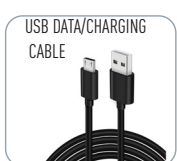


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macOS
iOS



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MDS app ANDROID
android

DELIVERY SET

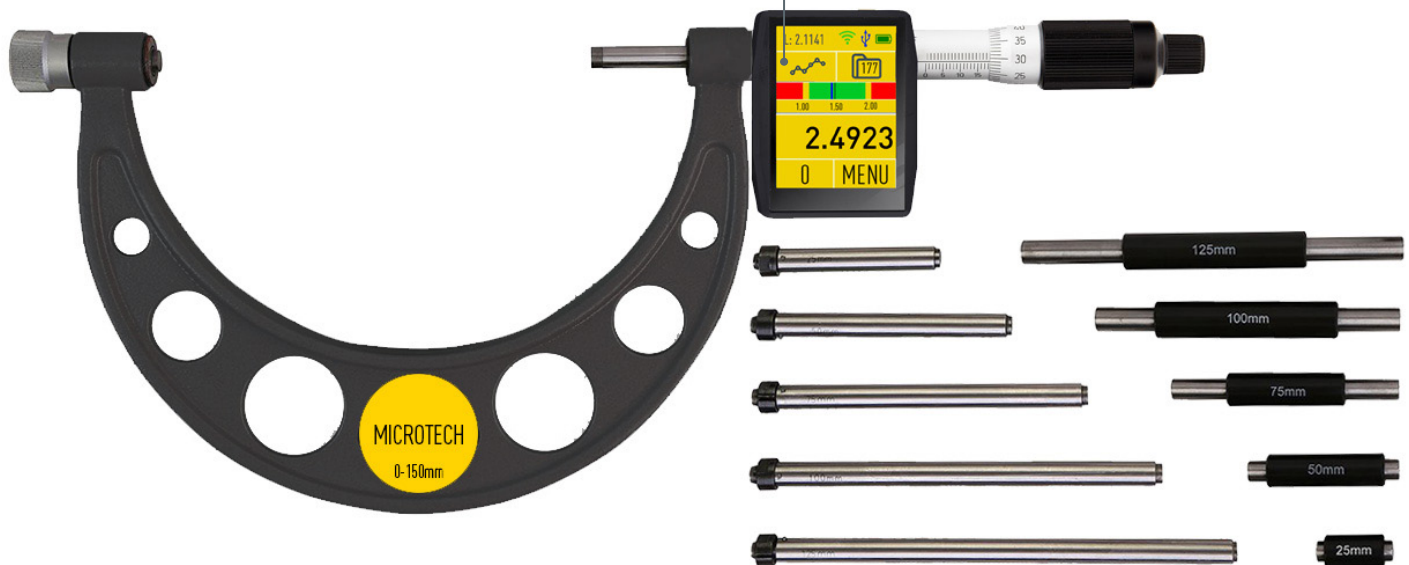


OPTIONAL



0,1µm

TABLET MULTIFUNCTIONAL MICS
2.4" TOUCHSCREEN DISPLAY



SET OF ANVILS AND RODS FOR 150mm MEASURING RANGE

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	TEMPERATURE COMPENSATION	MICROTECH MICRON CALIPER

- Industry 4.0 adopted sub-micron WIDE range micrometer with computerized MICS system with 2.4" color Touchscreen
- Interchangeable anvils (5pcs) and setting rods for Wide measuring range 150mm
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet WIDE RANGE MICROMETER IP65 WITH INTERCHANGEABLE ANVILS

Item No	Range		Micro-meter head range	Resolution	Accuracy	Repeatability	Anvils	Setting rods	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch		mm	μm	μm																		
110181539	0-150	0-6"	25	0,0001	±3	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option
110183039	150-300	6-12"			±4	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

MODBUS DataMet WIDE RANGE MICROMETER IP65 WITH INTERCHANGEABLE ANVILS

Item No	Range		Micro-meter head range	Resolution	Accuracy	Repeatability	Anvils	Setting rods	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch		mm	μm	μm																		
110181539M	0-150	0-6"	25	0,0001	±3	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110183039M	150-300	6-12"			±4	1	5	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet interface



CONNECTION possibilities



MODBUS protocol



VIDEO



DOWNLOAD MDS app WINDOWS



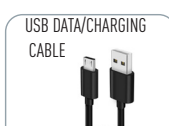
DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID



DELIVERY SET



OPTIONAL



DOWNLOAD APP



- **CertiMet** digital micrometer IP65 with rotating or NON-rotating spindle
- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- Friction thimble micrometer head with marking on thimble
- Functions: mm/inch, origin, ABS
- Electronics with IP65 protection, CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))



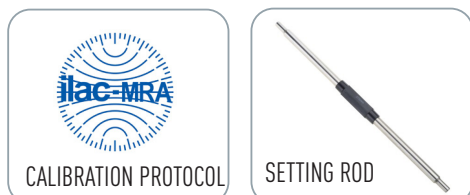
1 μm



Item No	Range		Reso- lution	Accu- racy	Anvil D	Protection	mm/inch	ABS/INC
	mm	inch	mm	µm	mm			
110180253	0-25	0-1"	0,001	±2	6.5	IP65	•	•
110180503	25-50	1-2"		±2			•	•
110180753	50-75	2-3"		±2			•	•
110181003	75-100	3-4"		±3			•	•
110181253	100-125	4-5"		±4			•	•
110181503	125-150	5-6"		±4			•	•
110181753	150-175	6-7"		±4			•	•
110182003	175-200	7-8"		±4			•	•
110182253	200-225	8-9"		±5			•	•
110182503	225-250	9-10"		±5			•	•
110182753	250-275	10-11"		±5			•	•
110183003	275-300	11-12"		±5			•	•
DIGITAL MICROMETER SET								
110181113	0-100	0-4"	DIGITAL micrometer - 4pcs;					
110181513	0-150	0-6"	DIGITAL micrometer - 6pcs;					
110182113	0-200	0-8"	DIGITAL micrometer - 8pcs;					
110183113	0-300	0-12"	DIGITAL micrometer - 12pcs;					



DELIVERY SET



OPTIONAL



- **CertiMet** digital micrometer IP65 with rotating or NON-rotating spindle
- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- NON-ROTATING spindle
- Friction thimble micrometer head with marking on thimble
- Functions: mm/inch, origin, ABS
- Electronics with IP65 protection, CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))



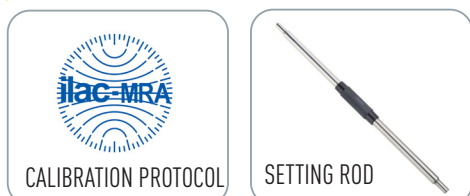
NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Anvil D	Protection	mm/inch	ABS/INC
	mm	inch	mm	μm	mm			
110170253	0-25	0-1"	0,001	± 2	7.5	IP65	•	•
110170503	25-50	1-2"		± 2	7.5	IP65	•	•
110170753	50-75	2-3"		± 3	7.5	IP65	•	•
110171003	75-100	3-4"		± 3	7.5	IP65	•	•



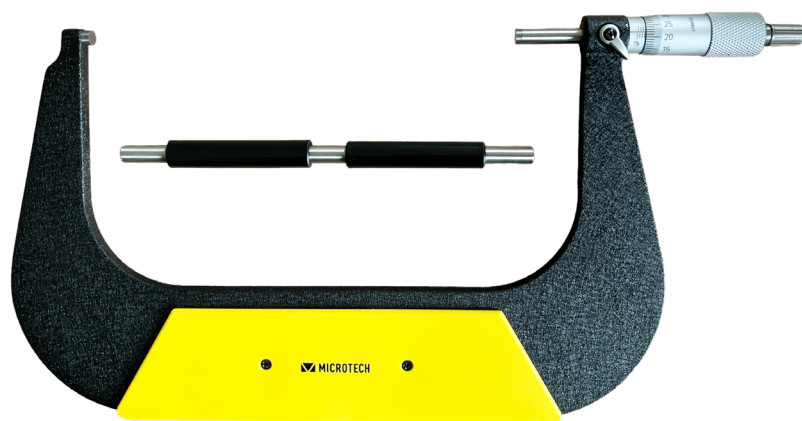
DELIVERY SET



OPTIONAL

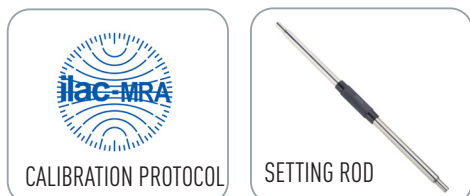


- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- Ratchet stop micrometer head
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution	Accuracy	Anvil D
	mm	mm	µm	mm
110110251	0-25	0,01	±2	6.5
110110501	25-50		±2	
110110751	50-75		±3	
110111001	75-100		±3	
110111251	100-125		±4	
110111501	125-150		±4	
110111751	150-175		±4	
110112001	175-200		±4	
110112251	200-225		±5	
110112501	225-250		±5	
110112751	250-275		±5	
110113001	275-300		±5	
OUTSIDE MICROMETER SET				
110110111	0-100	4 pcs in set		
110110151	0-150	6 pcs in set		
110110311	0-300	12 pcs in set		

DELIVERY SET



OPTIONAL



- High accuracy up to $\pm 2\mu\text{m}$ (in 2 times better than DIN 863-1)
- Friction thimble micrometer head
- 1 micron resolution
- Calibration certificate included (ISO17025 (Ilac MRA))



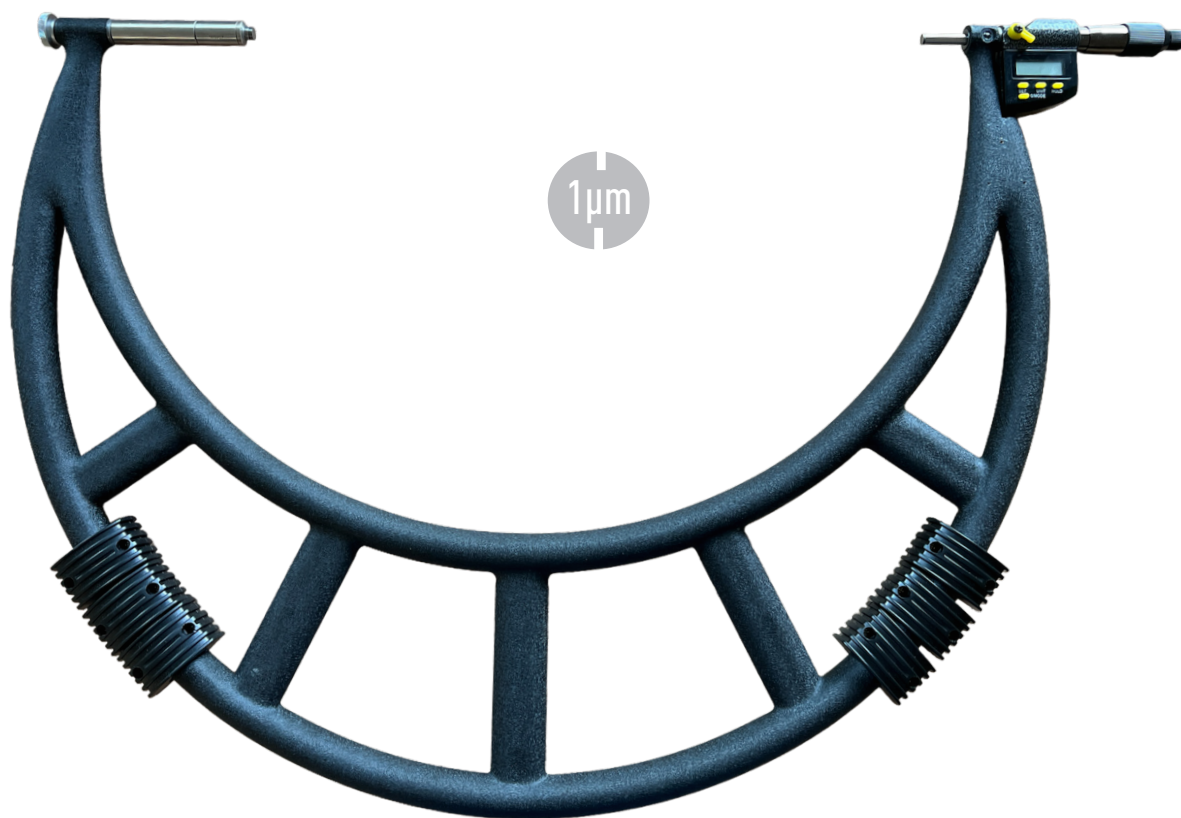
Item No	Range	Reso- lution	Accu- racy	Anvil D
	mm	mm	µm	mm
110110250	0-25	0,001	±2	6.5
110110500	25-50		±2	
110110750	50-75		±3	
110111000	75-100		±3	
MICRON OUTSIDE MICROMETER SET				
110110110	0-100	4 pcs in set		

DELIVERY SET



OPTIONAL





- Wide range **CertiMet** digital micrometer IP65 with range up to 3 m
- Digital micrometer head with IP65 proof
- Setting rods included
- **Calibration** certificate included (ISO17025 (Ilac MRA))

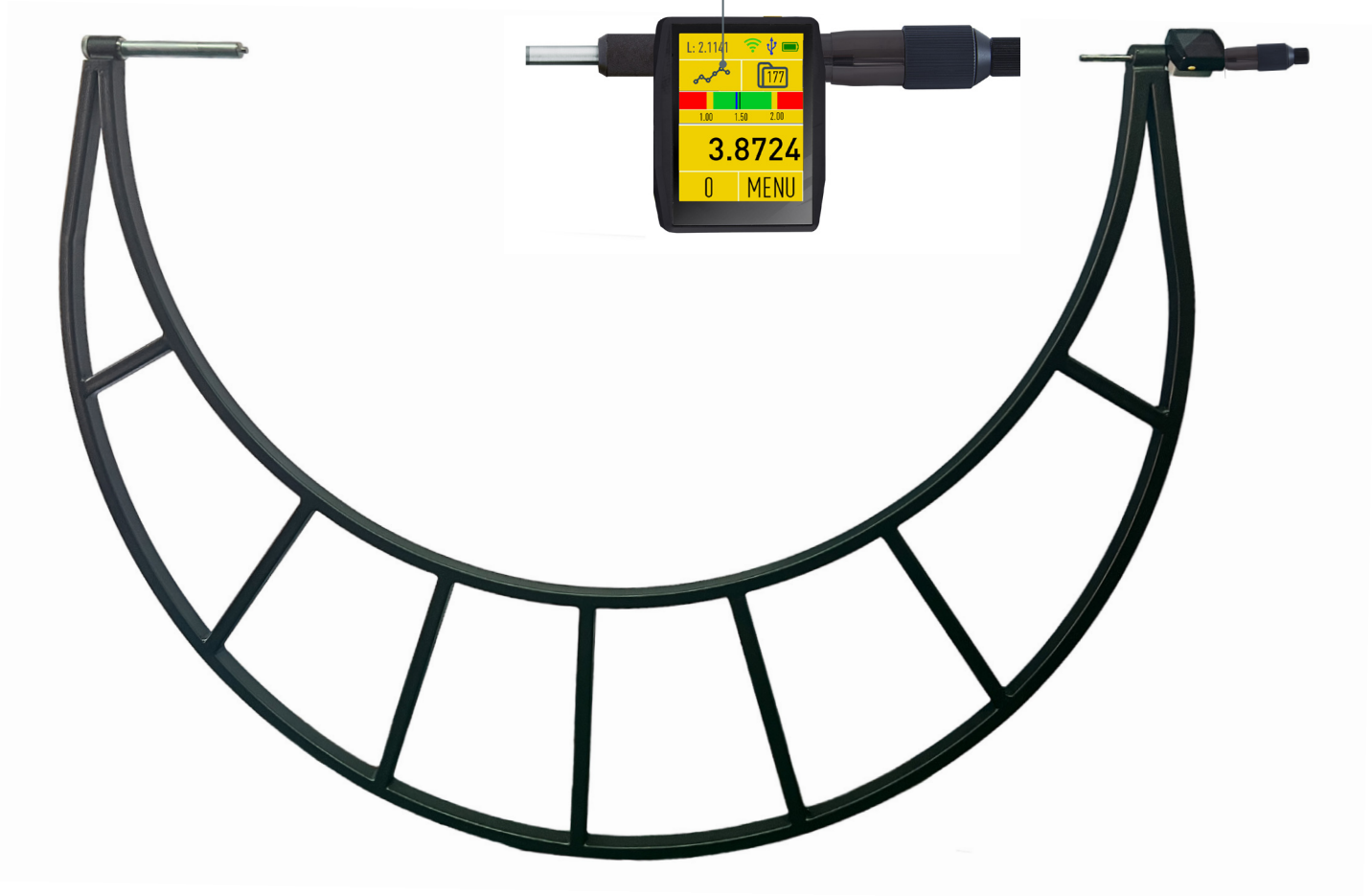
Item No	Range		Resol.	Accuracy	Micrometer head range	Weight	Setting rod
	mm	inch					
110174001	300-400	12-16"	0,001	±7	25	1,9	•
110175001	400-500	16-20"		±7		2,2	•
110176001	500-600	20-24"		±8		2,6	•
110177001	600-700	24-28"		±8		2,9	•
110178001	700-800	28-32"		±15		4,8	•
110179001	800-900	32-36"		±15		5,5	•
110171101	900-1000	36-40"		±15	50	6,7	•
110171201	1000-1200	40-48"		±18		9,2	•
110171401	1200-1400	48-56"		±20		11,0	•
110171601	1400-1600	56-64"		±25		13,3	•
110171801	1600-1800	64-72"		±30		16,2	•
110172001	1800-2000	72-80"		±35		19,5	•
110172201	2000-2200	80-88"		±40		25	•
110172401	2200-2400	88-96"		±45		27	•
110172601	2400-2600	96-104"		±50		28,5	•
110172801	2600-2800	104-112"		±55		30,5	•
110173101	2800-3000	112-120"		±60		33	•

DELIVERY SET



0,1µm

TABLET MULTIFUNCTIONAL MICS
2.4" TOUCHSCREEN DISPLAY



DATAmet FUNCTIONS

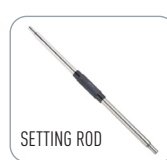
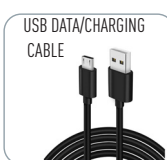
ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	MANUAL

- **DataMet** Wide range micrometers with range up to 3 m
- **Industry 4.0** adopted **DataMet** Sub-micron micrometer with computerized MICS system (2,4" color Touchscreen)
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resol.	Accuracy	Micro-meter head range	Weight	Setting rod	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Sync	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm	mm	kg																		
110184008	300-400	12-16"	0,0001	±5	25	1,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update option			
110185008	400-500	16-20"		±5		2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110186008	500-600	20-24"		±6		2,6	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110187008	600-700	24-28"		±7		2,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110188008	700-800	28-32"		±8		4,8	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110189008	800-900	32-36"		±10		5,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110181108	900-1000	36-40"		±10	50	6,7	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110181208	1000-1200	40-48"		±14		9,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110181408	1200-1400	48-56"		±16		11,0	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110181608	1400-1600	56-64"		±20		13,3	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110181808	1600-1800	64-72"		±24		16,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110182008	1800-2000	72-80"		±30		19,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110182208	2000-2200	80-88"		±33		25	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110182408	2200-2400	88-96"		±36		27	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110182608	2400-2600	96-104"		±40		28,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110182808	2600-2800	104-112"		±42		30,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110183108	2800-3000	112-120"		±45		33	•	•	•	•	•	•	•	•	•	•	•	•	•	•				



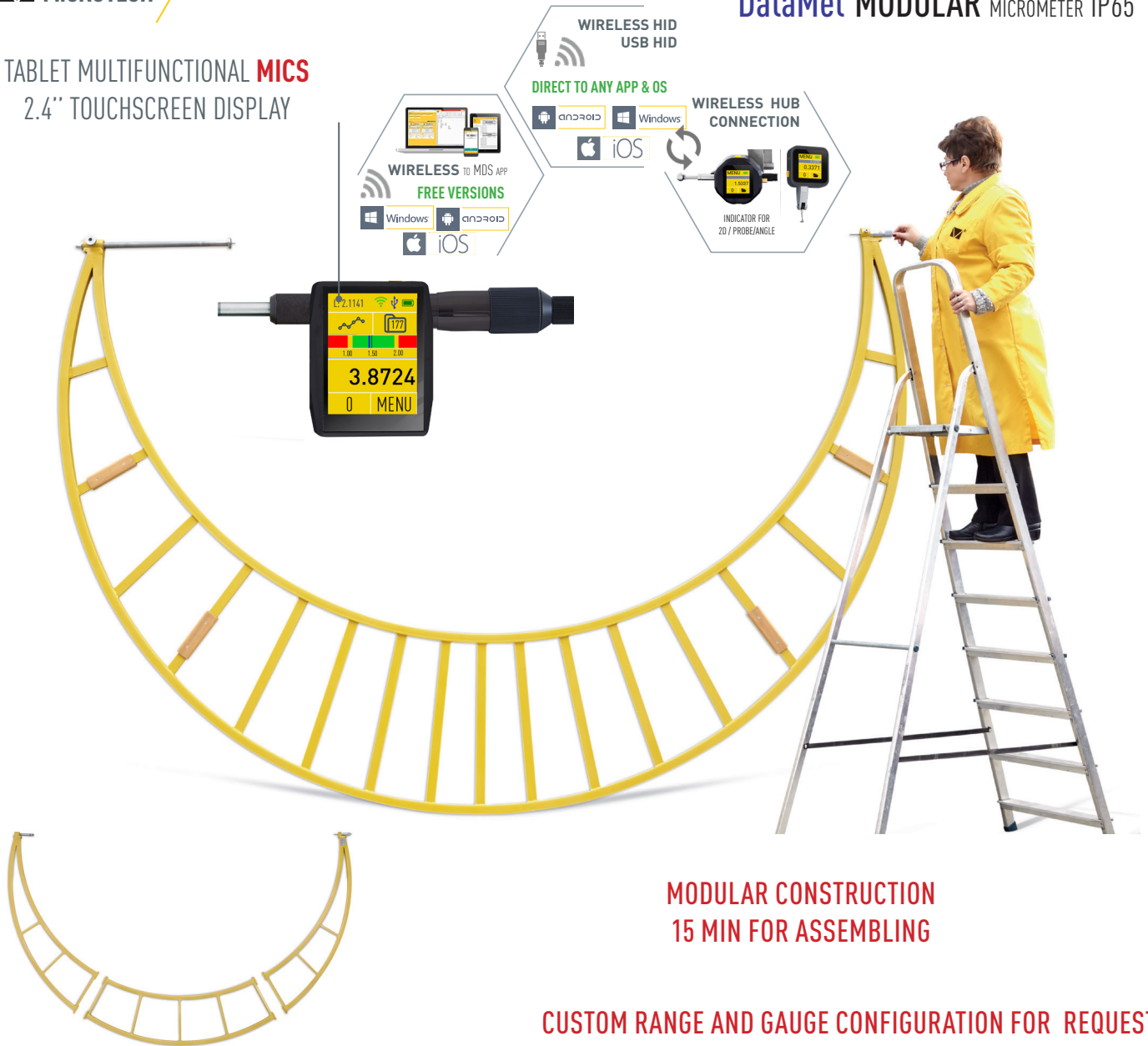
DELIVERY SET



OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY



DATAmet FUNCTIONS

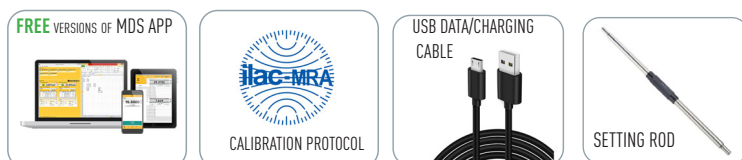
ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	MANUAL

- **DataMet** Wide range MODULAR micrometers with range up to 10 m
- Patented Modular construction for easy transportation (assembling 15 minutes)
- Patents UA108044, UA99686, UA2022050400
- Industry 4.0 adopted **DataMet** Sub-micron micrometer with computerized MICS system (2,4" color Touchscreen)
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

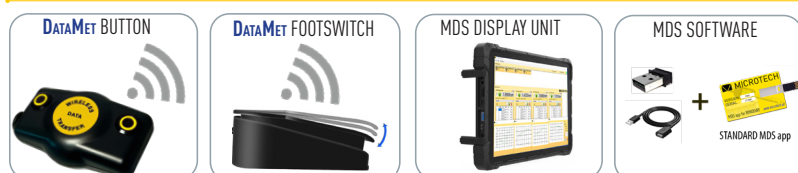
Item No	Range	Resol.	Accur.	Modules	Micrometer head range	Weight	Setting rod	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	μm		mm	kg																
110160155	1000-1500	0,0001	±28	2	50	18	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	optional
110160205	1500-2000		±32	2		22	•	•	•	•	•	•	•	•	•	•	•	•				
110160305	2000-3000		±50	3		35	•	•	•	•	•	•	•	•	•	•	•	•				
110160405	3000-4000		±60	4		47	•	•	•	•	•	•	•	•	•	•	•	•				
110160505	4000-5000		±75	5		60	•	•	•	•	•	•	•	•	•	•	•	•				
110160605	5000-6000		±90	6		79	•	•	•	•	•	•	•	•	•	•	•	•				
110160705	6000-7000		±105	7		95	•	•	•	•	•	•	•	•	•	•	•	•				
110160805	7000-8000		±120	8		115	•	•	•	•	•	•	•	•	•	•	•	•				
110160905	8000-9000		±135	9		136	•	•	•	•	•	•	•	•	•	•	•	•				
110161005	9000-10000		±150	10		160	•	•	•	•	•	•	•	•	•	•	•	•				



DELIVERY SET



OPTIONAL



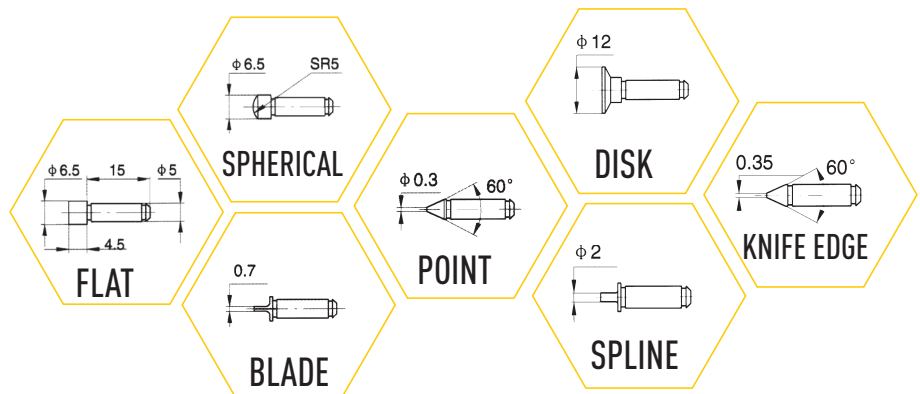
NON-ROTATING



0,1μm

UNIVERSAL ANVILS SET INCLUDES

7 PAIRS OF ANVILS



DATA MET FUNCTIONS

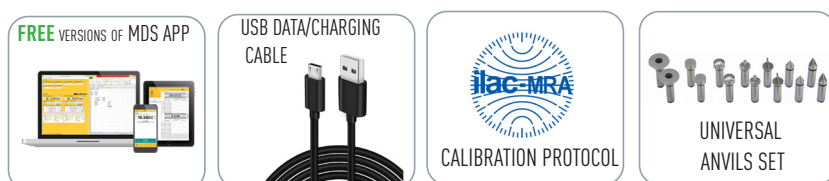


- Industry 4.0 adopted DOUBLE range Universal micrometer with computerized MICS system with 2,4" color Touchscreen
- STANDARD range (25mm) reading system with 0.1 micron resolution
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- INCLUDE 7 pairs of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

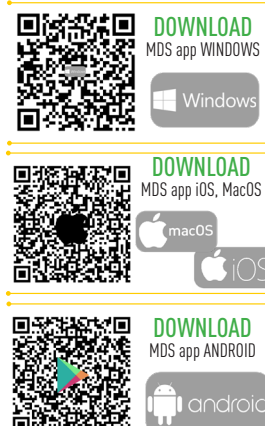
Item No	Range		Resol.	Accur.	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm																
110750258	0-25	0-1"	0,0001	±3	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update			option
110750508	25-50	1-2"		±3	•	•	•	•	•	•	•	•	•	•	•	•				
110750758	50-75	2-3"		±4	•	•	•	•	•	•	•	•	•	•	•	•				
110751008	75-100	3-4"		±4	•	•	•	•	•	•	•	•	•	•	•	•				
110751258	100-125	4-5"		±5	•	•	•	•	•	•	•	•	•	•	•	•				
110751508	125-150	5-6"		±5	•	•	•	•	•	•	•	•	•	•	•	•				
110751758	150-175	6-7"		±6	•	•	•	•	•	•	•	•	•	•	•	•				
110752008	175-200	7-8"		±7	•	•	•	•	•	•	•	•	•	•	•	•				



DELIVERY SET



OPTIONAL



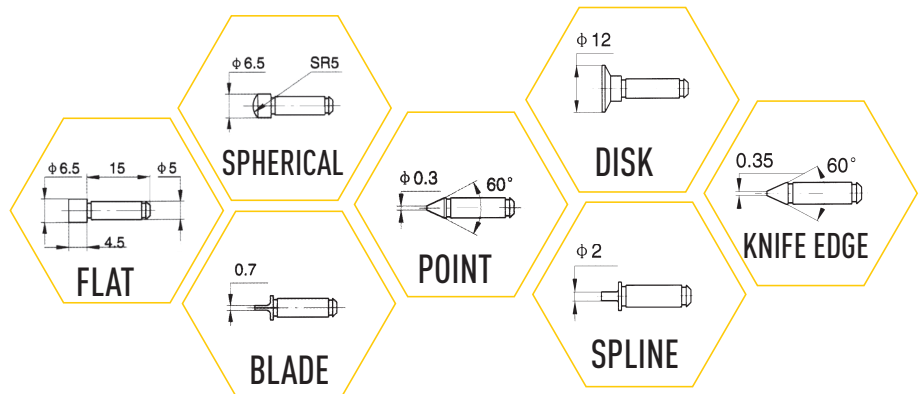


NON-ROTATING
0-50mm RANGE



0,5μm

UNIVERSAL ANVILS SET INCLUDES
7 PAIRS OF ANVILS



DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE		MICROTECH MICRON CALIPER

- Industry 4.0 adopted DOUBLE range Universal micrometer with computerized MICS system with 2,4" color Touchscreen
- **WIDE RANGE (50mm) SWISS** reading system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- INCLUDE 7 pairs of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resol.	Accur.	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm																
110750509	0-50	0-2"	0,0005	±2.5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	option
110751009	50-100	2-4"		±3	•	•	•	•	•	•	•	•	•	•	•	•				
110751509	100-150	4-6"		±4	•	•	•	•	•	•	•	•	•	•	•	•				
110752009	150-200	6-8"		±6	•	•	•	•	•	•	•	•	•	•	•	•				
110752509	200-250	8-10"		±6	•	•	•	•	•	•	•	•	•	•	•	•				
110753009	250-300	10-12"		±6	•	•	•	•	•	•	•	•	•	•	•	•				
110753509	300-350	12-14"		±7	•	•	•	•	•	•	•	•	•	•	•	•				
110754009	350-400	14-16"		±7	•	•	•	•	•	•	•	•	•	•	•	•				
110754509	400-450	16-18"		±8	•	•	•	•	•	•	•	•	•	•	•	•				
110755009	450-500	18-20"		±8	•	•	•	•	•	•	•	•	•	•	•	•				
110755509	500-550	20-22"		±9	•	•	•	•	•	•	•	•	•	•	•	•				
110756009	550-600	22-24"		±9	•	•	•	•	•	•	•	•	•	•	•	•				
110756509	600-650	24-26"		±10	•	•	•	•	•	•	•	•	•	•	•	•				
110757009	650-700	26-28"		±10	•	•	•	•	•	•	•	•	•	•	•	•				
110757509	700-750	28-30"		±10	•	•	•	•	•	•	•	•	•	•	•	•				
110758009	750-800	30-32"		±10	•	•	•	•	•	•	•	•	•	•	•	•				
110758509	800-850	32-34"		±11	•	•	•	•	•	•	•	•	•	•	•	•				
110759009	850-900	34-36"		±11	•	•	•	•	•	•	•	•	•	•	•	•				
110759509	900-950	36-38"		±12	•	•	•	•	•	•	•	•	•	•	•	•				
110759909	950-1000	38-40"		±12	•	•	•	•	•	•	•	•	•	•	•	•				

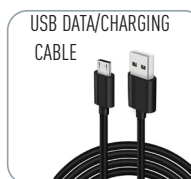


DataMet interface

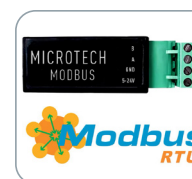
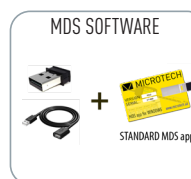


CONNECTION possibilities

DELIVERY SET



OPTIONAL



DOWNLOAD MDS app WINDOWS



DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID



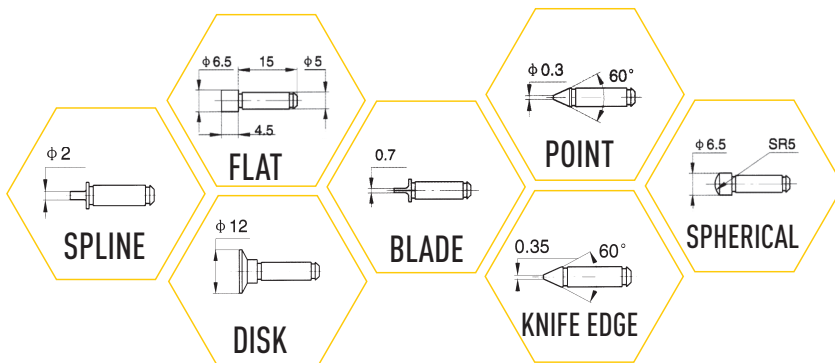
**NON-ROTATING
0-50mm RANGE**



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



**UNIVERSAL ANVILS SET INCLUDES
7 PAIRS OF ANVILS**



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	TEMPERATURE COMPENSATION	MICROTECH MICRON CALIPER

- Industry 4.0 adopted sub-micron Tablet micrometer with computerized MICS system with 2.4" color Touchscreen
- STANDARD range (25mm) or **WIDE RANGE (50mm) with NON-ROTATING SPINDLE**
- Bench configuration for laboratory using
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- INCLUDE 7 pairs of interchangeable anvils (Flat, Spherical, Disk, Blade, Point, Spline, Knife edge). Custom anvils for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

UNIVERSAL BENCH DataMet MICROMETER IP65

Item No	Range		Resol.	Accur.	Anvils set	Non-rotating	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110750298	0-25	0-1"	0,0001	±2	7 pairs	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110750598	0-50	0-2"	0,0005	±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



MODBUS UNIVERSAL BENCH DataMet MICROMETER IP65

Item No	Range		Resol.	Accur.	Anvils set	Non-rotating	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm																			
110750298M	0-25	0-1"	0,0001	±2	7 pairs	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	optional
110750598M	0-50	0-2"	0,0005	±2		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	optional



DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

UNIVERSAL ANVILS SET

OPTIONAL

DATAmet BUTTON

MDS SOFTWARE

MDS DISPLAY UNIT

MICROTECH MODBUS

THREAD STANDARDS

THREAD ANVILS SET

DISK ANVILS

BALL ANVILS SET

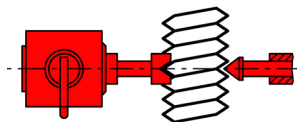


- Industry 4.0 adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Metric 60 or Whitworth 55). Custom anvils for request.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

NON-ROTATING



0,1µm



**NON-ROTATING
0-50mm RANGE**

THREAD ANVILS SET INCLUDES

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MAIN SCREEN	MICROTECH MICRON CALIPER

THREAD STANDARDS



Item No	Range		Resol.	Accur.	Anvils SET	Thread standard	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
	mm	inch	mm	μm																		
110710258	0-25	0-1"	0,0001	±3	0.4-7mm 6pcs	-	optional															
110710508	25-50	1-2"		±3																		
110710758	50-75	2-3"		±4																		
110711008	75-100	3-4"		±4																		
110711258	100-125	4-5"		±5																		
110711508	125-150	5-6"		±5																		
110711758	150-175	6-7"		±6																		
110712008	175-200	7-8"		±7																		
110712258	200-225	8-9"		±7																		
110712508	225-250	9-10"		±8																		
110712758	250-275	10-11"		±8																		
110713008	275-300	11-12"		±8																		
110713258	325-350	12-13"		±9																		
110713508	350-375	13-14"		±9																		
110713758	250-375	14-15"		±10																		
110714008	375-400	15-16"		±10																		

Item No	STANDARDS
110710005	50 mm METRIC 60
110710010	100 mm METRIC 60
110710015	150 mm METRIC 60
110710020	200 mm METRIC 60
110710025	250 mm METRIC 60
110710030	300 mm METRIC 60
110710035	350 mm METRIC 60
110710040	400 mm METRIC 60
110710045	450 mm METRIC 60
110720005	50 mm WHITWORTH 55
110720010	100 mm WHITWORTH 55
110720015	150 mm WHITWORTH 55
110720020	200 mm WHITWORTH 55
110720025	250 mm WHITWORTH 55
110720030	300 mm WHITWORTH 55
110720035	350 mm WHITWORTH 55
110720040	400 mm WHITWORTH 55
110720045	450 mm WHITWORTH 55

THREAD WHITWORTH DataMet MICROMETER IP65

Item No	Range		Resol.	Accur.	Anvils SET	Thread standard	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
	mm	inch	mm	μm																		
110720258	0-25	0-1"	0,0001	±3	60-3.5 TPI 10pcs	-	optional															
110720508	25-50	1-2"		±3																		
110720758	50-75	2-3"		±4																		
110721008	75-100	3-4"		±4																		
110721258	100-125	4-5"		±5																		
110721508	125-150	5-6"		±5																		
110721758	150-175	6-7"		±6																		
110722008	175-200	7-8"		±7																		
110722258	200-225	8-9"		±7																		
110722508	225-250	9-10"		±8																		
110722758	250-275	10-11"		±8																		
110723008	275-300	11-12"		±8																		
110723258	325-350	12-13"		±9																		
110723508	350-375	13-14"		±9																		
110723758	250-375	14-15"		±10																		
110724008	375-400	15-16"		±10																		



DataMet interface



CONNECTION possibilities



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

macOS
iOS



DOWNLOAD MDS app ANDROID

android

DELIVERY SET

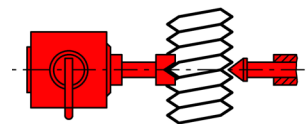


OPTIONAL





THREAD ANVILS SET INCLUDES



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	MANUAL

- Industry 4.0 adopted sub-micron Thread micrometer with computerized MICS system with 2.4" color Touchscreen
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Metric 60 or Whitworth 55). Custom anvils for request.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

THREAD BENCH DataMet MICROMETER IP65

Item No	Range		Resol.	Accur.	Anvils SET		Thread standard	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
	mm	inch	mm	µm	Metric 60	Whitworth 55																	
110710599	0-50	0-2"	0,0001	±3	•		OPTION	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID /
110720599				±3		•		•	•	•	•	•	•	•	•	•	•	•	•	•			
110740599				±3	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•			

MODBUS THREAD BENCH DataMet MICROMETER IP65

Item No	Range		Resol.	Accur.	Anvils SET		Thread standard	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/
	mm	inch	mm	µm	Metric 60	Whitworth 55																				
110710599M	0-50	0-2"	0,0001	±3	•		OPTION	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID /	•	OPTION	OPTION
110720599M				±3		•		•	•	•	•	•	•	•	•	•	•	•	•	•						
110740599M				±3	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•						



DataMet interface



CONNECTION possibilities



MODBUS protocol



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Windows



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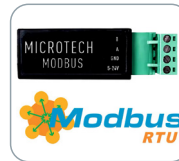
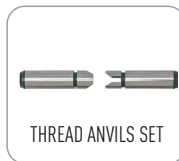
macOS
iOS



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android

DELIVERY SET



OPTIONAL



- **CertiMet DISK** digital micrometer IP65
- **NON-rotating spindle** with Disk anvils D 20
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))

NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Disk	Protection	NON-ROTATING	mm/inch	ABS/INC	HOLD
	mm	inch	mm	µm	mm					
110780251	0-25	0-1"	0,001	±4	D 20	IP65	•	•	•	•
110780501	25-50	1-2"		±4			•	•	•	•
110780751	50-75	2-3"		±5			•	•	•	•
110781001	75-100	3-4"		±5			•	•	•	•

DELIVERY SET

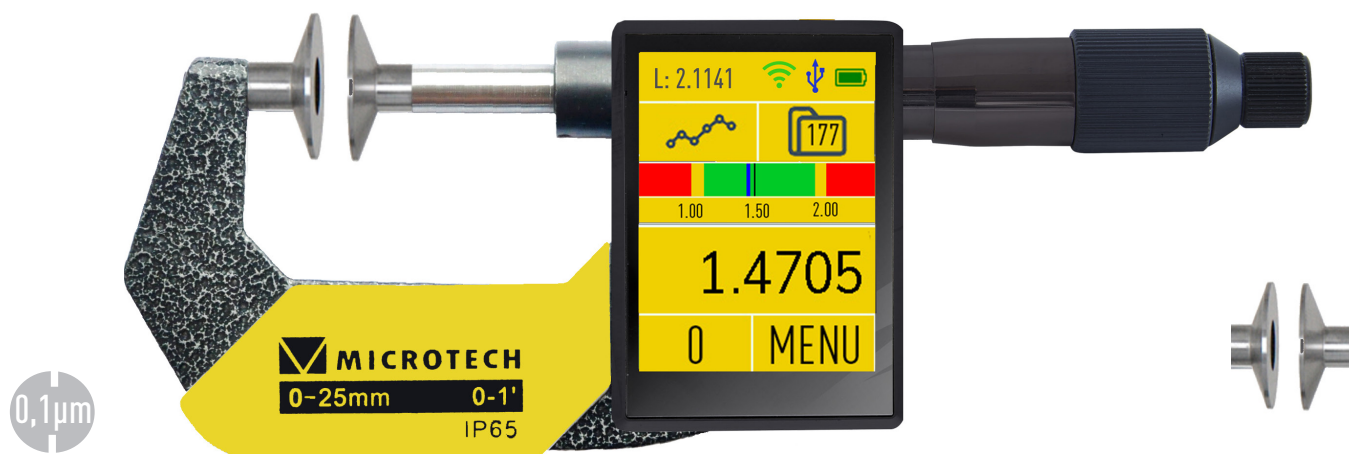


OPTIONAL



- Industry 4.0 adopted sub-micron DISK micrometer with computerized MICS system for measuring Gear tooth width
- NON-rotating spindle with Disk anvils D 20
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Disk	Protection	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm																
110780258	0-25	0-1"	0,0001	±3	D 20	IP65	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 Long range USB HID /	
110780508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•	•	•		
110780758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•	•	•		
110781008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•	•	•		



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MDS app WINDOWS



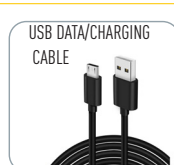
DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



DELIVERY SET



OPTIONAL





DataMet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	

- Industry 4.0 adopted sub-micron DISK micrometer with computerized MICS system for measuring Gear tooth width
- NON-rotating spindle with Disk anvils D 35mm (custom Disk anvils up to 60mm for request)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy	Disk	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm															
110780257	0-25	0-1"	0,0001	±4	D 35	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
110780507	25-50	1-2"		±4		•	•	•	•	•	•	•	•	•	•	•	•			
110780757	50-75	2-3"		±5		•	•	•	•	•	•	•	•	•	•	•	•			
110781007	75-100	3-4"		±5		•	•	•	•	•	•	•	•	•	•	•	•			
110781257	100-125	4-5"		±7		•	•	•	•	•	•	•	•	•	•	•	•			
110781507	125-150	5-6"		±7		•	•	•	•	•	•	•	•	•	•	•	•			
110781757	150-175	6-7"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782007	175-200	7-8"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782257	200-225	8-9"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782507	225-250	9-10"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110782757	250-275	10-11"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110783007	275-300	11-12"		±8		•	•	•	•	•	•	•	•	•	•	•	•			
110783257	300-325	12-13"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110783507	325-350	13-14"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110783757	350-375	14-15"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110784007	375-400	15-16"		±9		•	•	•	•	•	•	•	•	•	•	•	•			
110784257	400-425	16-17"		±10		•	•	•	•	•	•	•	•	•	•	•	•			
110784507	425-450	17-18"		±10		•	•	•	•	•	•	•	•	•	•	•	•			
110784757	450-475	18-19"		±10		•	•	•	•	•	•	•	•	•	•	•	•			
110785007	475-500	19-20"		±10		•	•	•	•	•	•	•	•	•	•	•	•			



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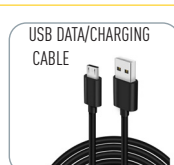
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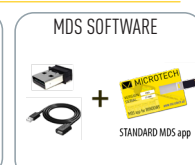
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DELIVERY SET



OPTIONAL



0,1µm

NON-ROTATING



BALL ANVILS SET INCLUDES 1-6mm (10pcs)

DataMet FUNCTIONS

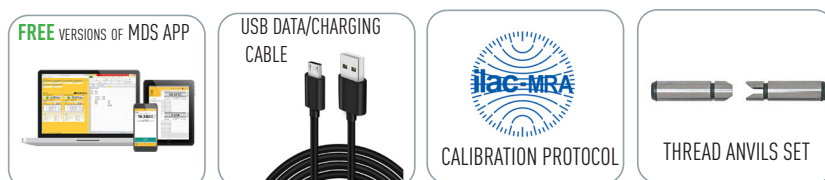
ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE		MICROTECH MICRON CALIPER

- Industry 4.0 adopted sub-micron BALL anvils micrometer for measuring over pin diameter of Gear
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Ball D 1-6mm / Module 0,6-3,5/ Pitch 7-45 10pcs).
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resol.	Accur.	Anvils SET	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB
	mm	inch	mm	μm																	
110740258	0-25	0-1"	0,0001	±3	Ball anvils SET 10 pcs	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update		
110740508	25-50	1-2"		±3		•	•	•	•	•	•	•	•	•	•	•	•	•			
110740758	50-75	2-3"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•			
110741008	75-100	3-4"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•			
110741258	100-125	4-5"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•			
110741508	125-150	5-6"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•			
110741758	150-175	6-7"		±6		•	•	•	•	•	•	•	•	•	•	•	•	•			
110742008	175-200	7-8"		±7		•	•	•	•	•	•	•	•	•	•	•	•	•			



DELIVERY SET



OPTIONAL



0,5µm

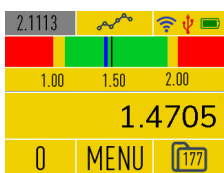
SWISS
READING
SYSTEM



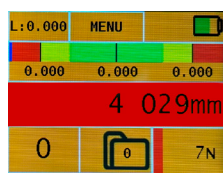
**NON-ROTATING
0-50mm RANGE**

BALL ANVILS SET INCLUDES 1-6mm (10pcs)

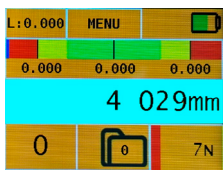
DataMet FUNCTIONS



ANALOG SCALE



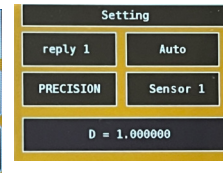
COLOR GO / NOGO



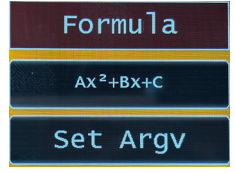
COLOR MAX / MIN / RANGE



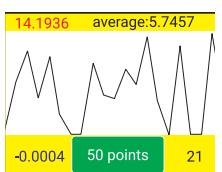
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax^2+Bx+C



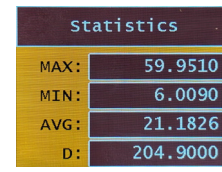
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



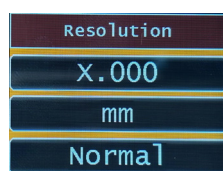
TEMPERATURE COMPENSATION



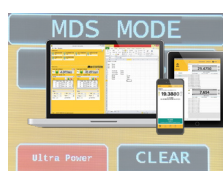
PASSWORD



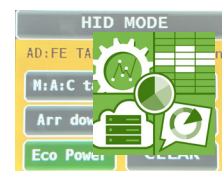
Display



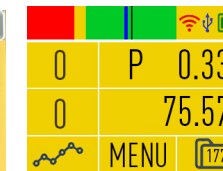
Resolution



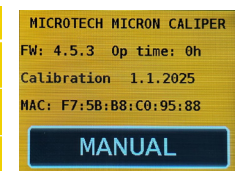
MDS MODE



HID MODE



Display



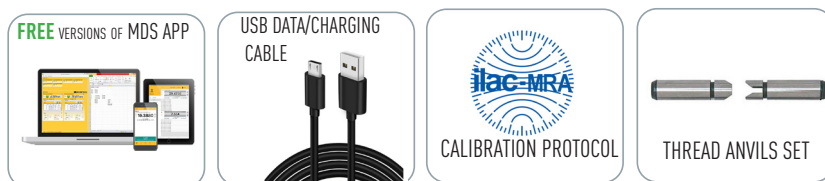
MICROTECH MICRON CALIPER

- Industry 4.0 adopted sub-micron BALL anvils micrometer for measuring over pin diameter of Gear
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Interchangeable anvils SET includes (Ball D 1-6mm / Module 0,6-3,5/ Pitch 7-45 10pcs).
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resol.	Accur.	Anvils SET	NON-ROTATING	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	2D Synchronize	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm																		
110740509	0-50	0-2"	0,0005	±3	Ball anvils SET 10 pcs 1-6mm	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	option
110741009	50-100	2-4"		±4		•	•	•	•	•	•	•	•	•	•	•	•	•				
110741509	100-150	4-6"		±5		•	•	•	•	•	•	•	•	•	•	•	•	•				
110742009	150-200	6-8"		±6		•	•	•	•	•	•	•	•	•	•	•	•	•				
110742509	200-250	8-10"		±7		•	•	•	•	•	•	•	•	•	•	•	•	•				
110743009	250-300	10-12"		±7		•	•	•	•	•	•	•	•	•	•	•	•	•				
110743509	300-350	12-14"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•				
110744009	350-400	14-16"		±8		•	•	•	•	•	•	•	•	•	•	•	•	•				
110744509	400-450	16-18"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•				
110745009	450-500	18-20"		±12		•	•	•	•	•	•	•	•	•	•	•	•	•				
110745509	500-550	20-22"		±12		•	•	•	•	•	•	•	•	•	•	•	•	•				
110746009	550-600	22-24"		±14		•	•	•	•	•	•	•	•	•	•	•	•	•				
110746509	600-650	24-26"		±14		•	•	•	•	•	•	•	•	•	•	•	•	•				
110747009	650-700	26-28"		±14		•	•	•	•	•	•	•	•	•	•	•	•	•				
110747509	700-750	28-30"		±16		•	•	•	•	•	•	•	•	•	•	•	•	•				
110748009	750-800	30-32"		±16		•	•	•	•	•	•	•	•	•	•	•	•	•				
1107485009	800-850	32-34"		±18		•	•	•	•	•	•	•	•	•	•	•	•	•				
110749009	850-900	34-36"		±18		•	•	•	•	•	•	•	•	•	•	•	•	•				
110749509	900-950	36-38"		±20		•	•	•	•	•	•	•	•	•	•	•	•	•				
110749909	950-1000	38-40"		±20		•	•	•	•	•	•	•	•	•	•	•	•	•				



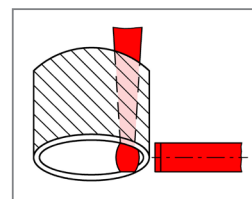
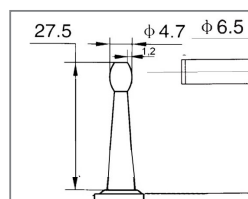
DELIVERY SET



OPTIONAL



- **CertiMet** TUBE digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- Custom size Tube anvil for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Protection	NON-ROTATING	mm/inch	ABS/INC	HOLD
	mm	inch	mm	µm						
110350251	0-25	0-1"	0,001	±3	Tube D 4.7	IP65	•	•	•	•
110350501	25-50	1-2"		±3			•	•	•	•
110350751	50-75	2-3"		±3			•	•	•	•
110351001	75-100	3-4"		±3			•	•	•	•

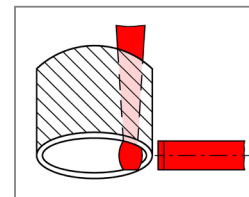
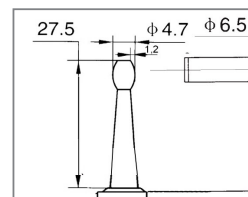
DELIVERY SET



OPTIONAL



- **Computerized** TUBE micrometers with 0.1 micron resolution
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110350258	0-25	0-1"	0,0001	±2	Tube D 4.7	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110350508	25-50	1-2"		±2			•	•	•	•	•	•	•	•	•	•	•			
110350758	50-75	2-3"		±2.5			•	•	•	•	•	•	•	•	•	•	•			
110351008	75-100	3-4"		±2.5			•	•	•	•	•	•	•	•	•	•	•			



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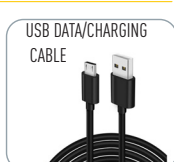
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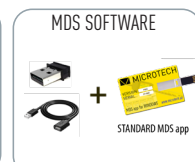
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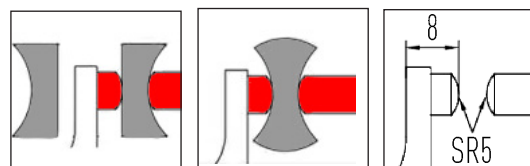
DELIVERY SET



OPTIONAL



- **CertiMet** DOUBLE SPHERICAL digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Protection	NON-ROTATING	mm/inch	ABS/INC	HOLD
	mm	inch	mm	μm						
110360251	0-25	0-1"	0,001	±3	Sphere R 5mm	IP65	•	•	•	•
110360501	25-50	1-2"		±3			•	•	•	•
110360751	50-75	2-3"		±3			•	•	•	•
110361001	75-100	3-4"		±3			•	•	•	•

DELIVERY SET

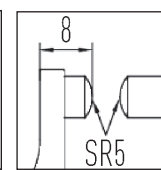
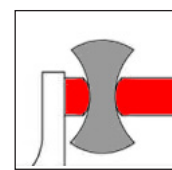
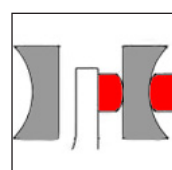


OPTIONAL

STANDS



- Industry 4.0 adopted **DataMet** DOUBLE SPHERICAL micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110360258	0-25	0-1"	0,0001	±2	Sphere R 5mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110360508	25-50	1-2"		±2			•	•	•	•	•	•	•	•	•	•	•			
110360758	50-75	2-3"		±2.5			•	•	•	•	•	•	•	•	•	•	•			
110361008	75-100	3-4"		±2.5			•	•	•	•	•	•	•	•	•	•	•			



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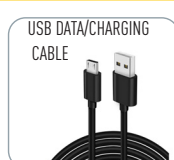


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macOS
iOS

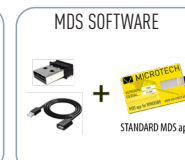


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DELIVERY SET



OPTIONAL



- **CertiMet** BLADE digital micrometer IP65
- **NON-rotating spindle** with Blade anvil 6.5x0.75mm
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration certificate** included (ISO17025 (Ilac MRA))

NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Anvils types	Protection	NON-ROTATING	mm/inch	ABS/INC	HOLD
	mm	inch	mm	μm						
110660251	0-25	0-1"	0,001	±4	6,5x0,75mm	IP65	•	•	•	•
110660501	25-50	1-2"		±4			•	•	•	•
110660751	50-75	2-3"		±5			•	•	•	•
110661001	75-100	3-4"		±5			•	•	•	•

DELIVERY SET



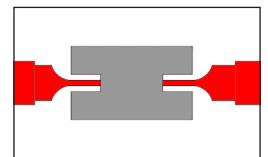
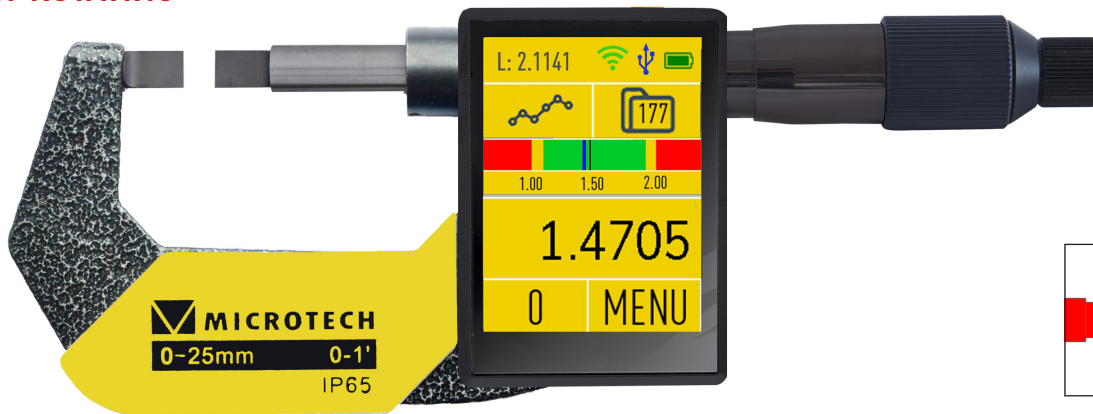
OPTIONAL



- Industry 4.0 adopted DataMet BLADE non-rotating micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



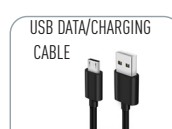
NON-ROTATING



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110660258	0-25	0-1"	0,0001	±3	6,5x 0,75mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long + HID	USB HID
110660508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110660758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110661008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			



DELIVERY SET



OPTIONAL



- **CertiMet** CABLE CRIMPING digital micrometer IP65
- Point&Blade anvils for cable crimping measuring
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Protection	mm/inch	ABS/INC	HOLD
	mm	inch	mm	µm					
110550251	0-20	0-0.8"	0.001	±4	Point & Blade 0.75x6.5	IP-65	•	•	•

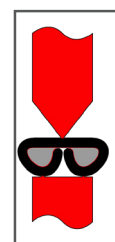
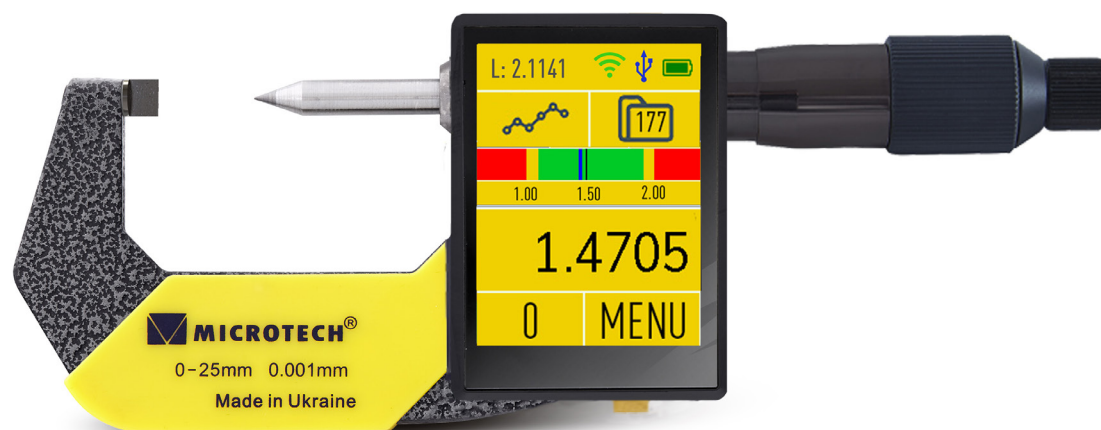
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted DataMet CABLE CRIMPING micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Proof	Preset	Analog scale	Graphic	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110550258	0-20	0-0.8"	0,0001	±3	Point & Blade 0.75x6.5	IP-65	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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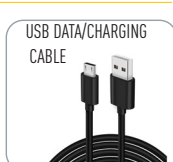
iOS
macOS



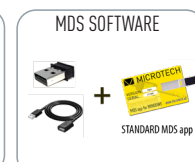
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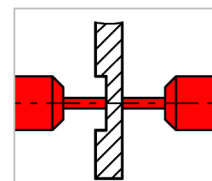
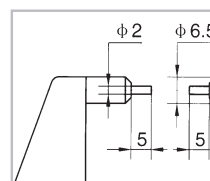
DELIVERY SET



OPTIONAL



- **CertiMet** SMALL TIP digital micrometer IP65
- Small tip anvils with D 2mm
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Protection	mm/inch	ABS/INC	HOLD
	mm	inch		µm					
110650251	0-25	0-1"	0,001	±4	D 2mm	IP65	•	•	•
110650501	25-50	1-2"		±4			•	•	•
110650751	50-75	2-3"		±5			•	•	•
110651001	75-100	3-4"		±5			•	•	•

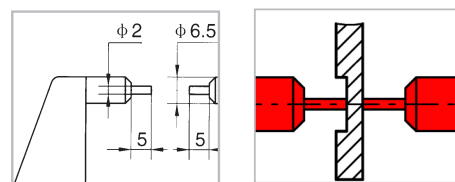
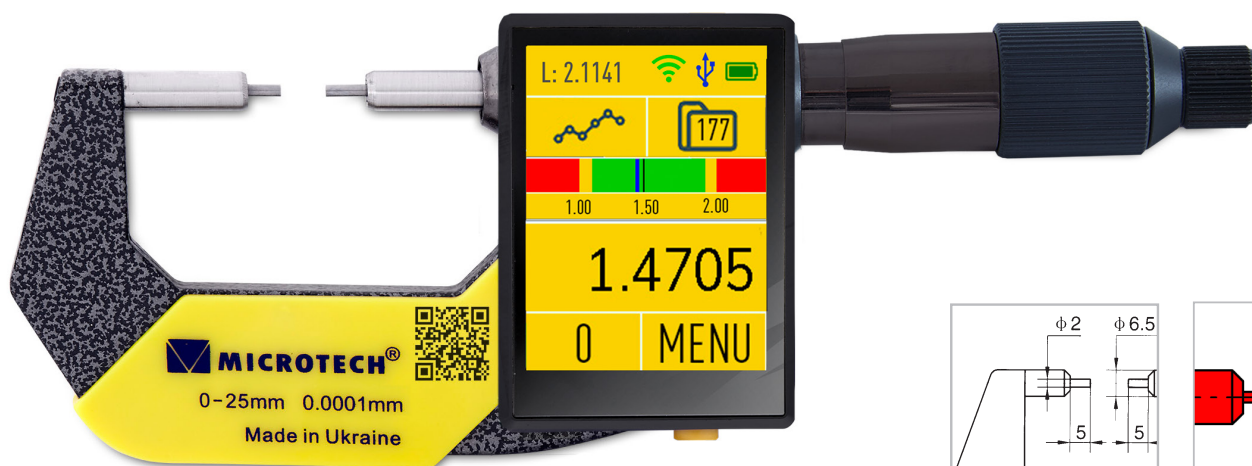
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted DataMet SMALL TIP micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Graphic	Analog scale	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm																
110650258	0-25	0-1"	0,0001	±3	D 2mm	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110650508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110650758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110651008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			



DataMet
interface



CONNECTION
possibilities



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macOS
iOS



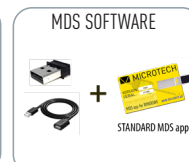
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DELIVERY SET



OPTIONAL



- **CertiMet** POINT digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Protection	mm/inch	ABS/INC	HOLD
	mm	inch		µm					
110450251	0-25	0-1"	0,001	±4	Pointed	IP65	•	•	•
110450501	25-50	1-2"		±4			•	•	•
110450751	50-75	2-3"		±5			•	•	•
110451001	75-100	3-4"		±5			•	•	•

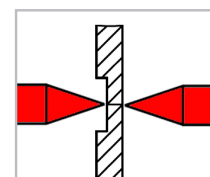
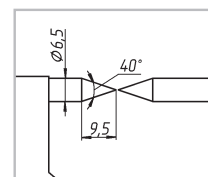
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** POINT micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Anvils types	Proof	Preset	Graphic	Analog scale	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
110450258	0-25	0-1"	0,0001	±3	Pointed	IP-65	•	•	•	•	•	•	•	•	•	•	•	2000 val	Long+HID USB HID	
110450508	25-50	1-2"		±3			•	•	•	•	•	•	•	•	•	•	•			
110450758	50-75	2-3"		±4			•	•	•	•	•	•	•	•	•	•	•			
110451008	75-100	3-4"		±4			•	•	•	•	•	•	•	•	•	•	•			



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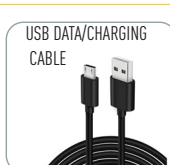
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DELIVERY SET



OPTIONAL



- **CertiMet** INSIDE digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Anvils types	Setting ring	Protection	NON-ROTATING	mm/inch	ABS/INC	HOLD
	mm	inch	mm	μm				NON-ROTATING	mm/inch	ABS/INC	HOLD
133800301	5-30	0.2-1.2"	0,001	±5	D 2mm	•	IP65	•	•	•	•
133800501	25-50	1-2"		±5	R12mm	option		•	•	•	•
133800751	50-75	2-3"		±6				•	•	•	•
133801001	75-100	3-4"		±6				•	•	•	•

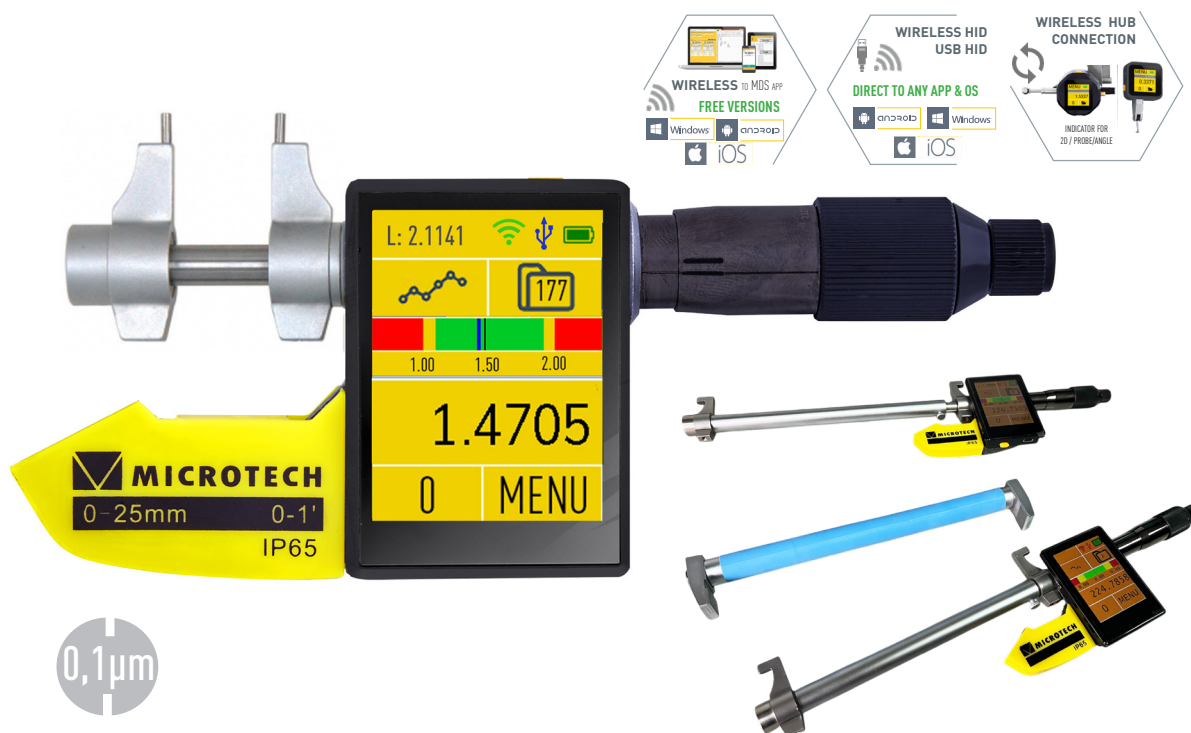
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** INSIDE micrometer with computerized MICS system
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



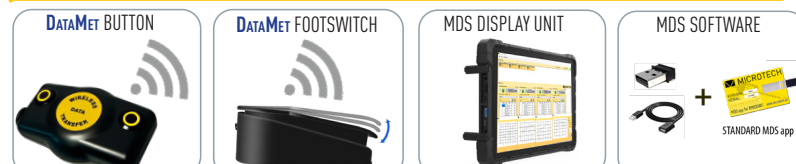
Item No	Range		Reso- lution	Accu- racy	Anvils types	Setting ring	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	
	mm	inch	mm	µm																
133800308	5-30	0.2-1.2"	0,0001	±4	D 2mm	•	IP-65	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID	
133800508	25-50	1-2"		±4	R12mm	option		•	•	•	•	•	•	•	•	•				•
133800758	50-75	2-3"		±4				•	•	•	•	•	•	•	•	•				
133801008	75-100	3-4"		±4				•	•	•	•	•	•	•	•	•				
133801258	100-125	4-5"		±5				•	•	•	•	•	•	•	•	•				
133801508	125-150	5-6"		±5				•	•	•	•	•	•	•	•	•				
133801758	150-175	6-7"		±6				•	•	•	•	•	•	•	•	•				
133802008	175-200	7-8"		±6				•	•	•	•	•	•	•	•	•				
133802258	200-225	8-9"		±7				•	•	•	•	•	•	•	•	•				
133802508	225-250	9-10"		±8				•	•	•	•	•	•	•	•	•				
133802758	250-275	10-11"		±9				•	•	•	•	•	•	•	•	•				
133803008	275-300	11-12"		±9				•	•	•	•	•	•	•	•	•				



DELIVERY SET



OPTIONAL



- **CertiMet** DEPTH digital micrometer IP65
- Friction thimble micrometer head
- Functions: mm/inch, origin, hold
- Aluminium housing with IP65 protection
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Base	Protection	mm/inch	ABS/INC	HOLD
	mm	inch	mm	μm	mm				
110900155	0-150	0-6"	0,001	±5	100	IP65	•	•	•
110900205	0-200	0-8"		±6			•	•	•
110900305	0-300	0-12"		±8			•	•	•
110900335				±10	180		•	•	•

DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** DEPTH micrometer with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Base	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm													
110900158	0-150	0-6"	0,0001	±4	100	IP-65	•	•	•	•	•	•	•	•	•	2000 val	Long+ HID	USB HID
110900208	0-200	0-8"		±5			•	•	•	•	•	•	•	•	•			
110900308	0-300	0-12"		±6			•	•	•	•	•	•	•	•				
110900338				±8			•	•	•	•	•	•	•	•				



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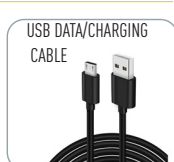
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android

DELIVERY SET



OPTIONAL



- **CertiMet** digital MICROMETER HEAD IP65
- Rotating or **Non-rotating** micrometer spindle with 25 or 50mm measuring range
- Functions: mm/inch, origin, ABS
- Electronics with IP65 protection, CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resol.	Accu- racy	Protection	NON-ROTATING	mm/inch	ABS/INC	ABS
	mm	inch							
110180023	0-25	0-1"	0.001	±2	IP65		•	•	•
110170023						•	•	•	•
110181053	0-50	0-2"		±4			•	•	•

DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** MICROMETER HEAD with computerized MICS system
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- Calibration certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY



0,1µm

Item No	Range		Resol.	Accu- racy	NON-ROTATING	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS
	mm	inch	mm	µm																	
110180029	0-25	0-1"	0,0001	±1.5		•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long+ HID	USB HID / Update	OPTIONAL
110181029				±1.5	•	•	•	•	•	•	•	•	•	•	•	•	•				
110181059	0-50	0-2"		±2.5		•	•	•	•	•	•	•	•	•	•	•	•				



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DataMet
interface



CONNECTION
possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

USB DATA/CHARGING
CABLE



OPTIONAL

DATAmet BUTTON



DATAmet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app

TABLET MULTIFUNCTIONAL MICS
2.4" TOUCHSCREEN DISPLAY

0,5µm



SWISS
READING
SYSTEM



NON-ROTATING
0-50MM RANGE

FLAT CARBIDE D 8mm



FOR INTERCHANGEABLE ANVILS



DataMet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 10/20	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
Display	Resolution	MDS MODE	HID MODE	MICROTECH MICRON CALIPER	MANUAL

- Industry 4.0 adopted NON-ROTATING WIDE RANGE micrometer head with computerized MICS system with 2,4" color Touchscreen
- **WIDE RANGE (50mm) with NON-ROTATING SPINDLE**
- **SWISS made reading system** resolution **0,5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing and handle (CNC machined solid block)
- **Calibration certificate** included (ISO17025 (Ilac MRA))

NON-ROTATING DataMet MICROMETER HEAD IP65

Item No	Range		Resolution	Accu- racy	Anvils	NON-ROTATING	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																	
110188059	0-50	0-2"	0,0005	±2	Flat carbide D8mm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110185059					Interchangeable anvils	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS NON-ROTATING DataMet MICROMETER HEAD IP65

Item No	Range		Resolution	Accu- racy	Anvils	NON-ROTATING	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm																		
110188059	0-50	0-2"	0,0005	±2	Flat carbide D8mm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
110185059					Interchangeable anvils	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



MODBUS
protocol



VIDEO



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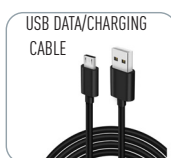
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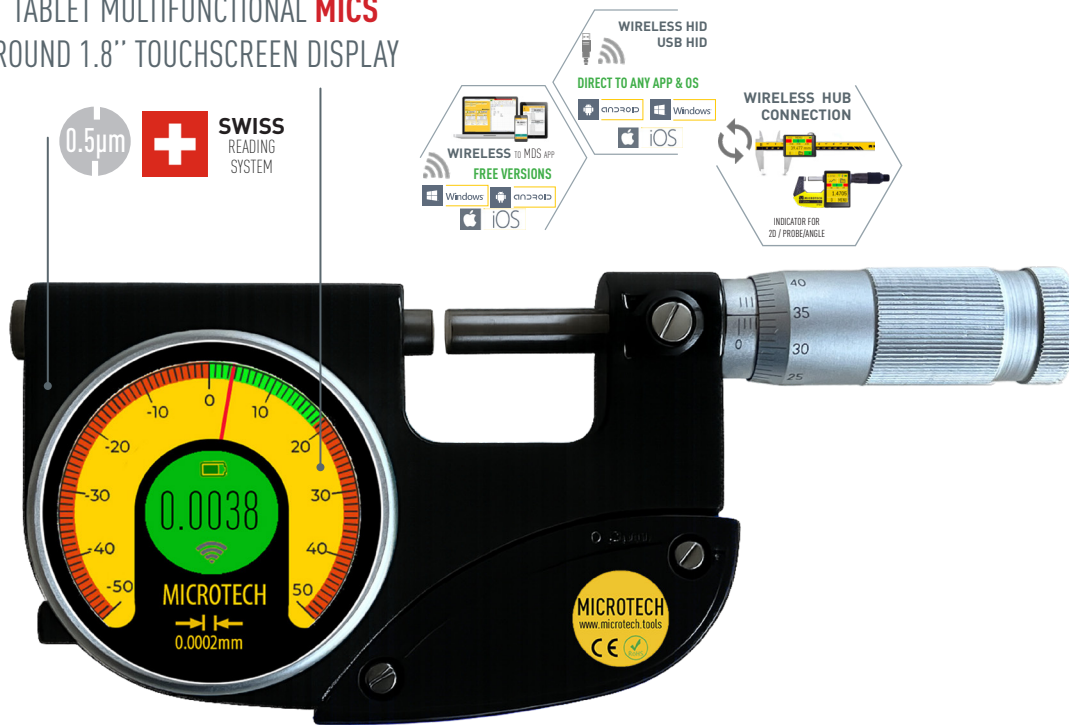


OPTIONAL



- Industry 4.0 adopted **DataMet** Snap micrometer with 0,5micron resolution
- Anvils D 8 mm
- Supplying with computerized **DataMet** indicator with 0,5micron resolution
- **Functions:** Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL MICS ROUND 1.8" TOUCHSCREEN DISPLAY

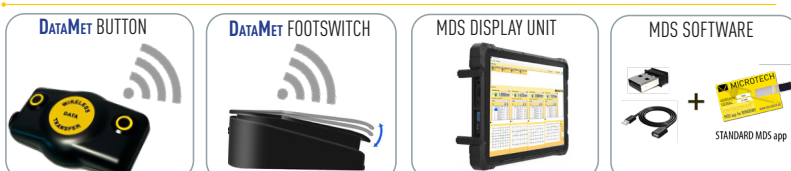


Item No	Range		Resolution		Accu- racy	Indicator	Anvils type	Travel mm	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
			indicator	microm head																	
114017025	0-25	0-1"			±1				•	•	•	•	•	•	•	•	•	Folders / 2000			
114017050	25-50	1-2"			±1.2				•	•	•	•	•	•	•	•	•				
114017075	50-75	2-3"	0,0005	0,01	±1.5	±70	Flat D 8mm	2	•	•	•	•	•	•	•	•	•				
114017100	75-100	3-4"			±2				•	•	•	•	•	•	•	•	•				

DELIVERY SET



OPTIONAL

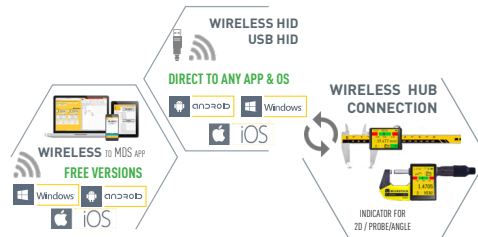


- Industry 4.0 adopted DataMet Snap gauge with 0,5micron resolution
- Anvils D 8 mm
- Supplying with computerized DataMet indicator with 0,5micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Optional MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



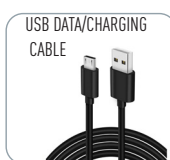
0.5µm

TABLET MULTIFUNCTIONAL MICS
ROUND 1.8" TOUCHSCREEN DISPLAY



Item No	Range		Reso- lution	Accu- racy	Indicator	Anvils type	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm	µm		mm													
115027025	0-25	0-1"	0,0005	±1	±70	Flat D 8mm	2	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID	option
115027050	25-50	1-2"		±1.2				•	•	•	•	•	•	•	•	•				
115027075	50-75	2-3"		±1.5				•	•	•	•	•	•	•	•	•				
115027100	75-100	3-4"		±2				•	•	•	•	•	•	•	•	•				
115027125	100-125	4-5"		±6				•	•	•	•	•	•	•	•	•				
115027150	125-150	5-6"		±7				•	•	•	•	•	•	•	•	•				

DELIVERY SET



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OPTIONAL



- CertiMet Snap gauge
- Anvils D 8 mm
- Supplying with Digital CertiMet indicator with micron resolution
- Functions: PRESET, mm/inch, HOLD function
- USB data transfer
- Calibration certificate included (ISO17025 (Ilac MRA))

PRESET FUNCTION



Item No	Range		Reso- lution	Accu- racy	Depth	Anvils type	Travel	Preset	HOLD	USB DATA
	mm	inch	mm	μm	mm		mm			
115050503	0-50	0-2"	0,001	±4	32	D 8mm	3	•	•	•
115051003	50-100	2-4"		±5	62			•	•	•
115051503	100-150	4-6"		±5	85			•	•	•
115052003	150-200	6-8"		±5	110			•	•	•

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



STANDS



- Industry 4.0 adopted DataMet Snap gauge
- Anvils D 8 mm
- Supplying with computerized DataMet indicator with 0,1 micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Depth	Anvils type	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm		mm												
115050507	0-50	0-2"	0,0001	±3	32	D 8mm	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115051007	50-100	2-4"		±4	62			•	•	•	•	•	•	•	•	•			
115051507	100-150	4-6"		±4	85			•	•	•	•	•	•	•	•	•			
115052007	150-200	6-8"		±4	110			•	•	•	•	•	•	•	•	•			
115052507	200-250	8-10"		±6	110			•	•	•	•	•	•	•	•	•			
115053007	250-300	10-12"		±7	110			•	•	•	•	•	•	•	•	•			
115053507	300-350	12-14"		±8	110			•	•	•	•	•	•	•	•	•			
115054007	350-400	14-16"		±9	110			•	•	•	•	•	•	•	•	•			
115054507	400-450	16-18"		±10	110			•	•	•	•	•	•	•	•	•			
115055007	450-500	18-20"		±10	110			•	•	•	•	•	•	•	•	•			



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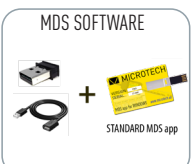
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DELIVERY SET



OPTIONAL



- **CertiMet** DISK Snap gauge
- Disk Anvils with D=20, 35 or 50mm
- Supplying with Digital **CertiMet** indicator with micron resolution
- **Functions:** PRESET, mm/inch, HOLD function
- USB data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))

PRESET FUNCTION



Item No	Range		Reso- lution	Accu- racy	Depth	Anvils type	Travel	Preset	HOLD	ABS	USB DATA
	mm	inch	mm	µm	mm		mm				
115050523	0-50	0-2"	0,001	±6	32	D 20mm	3	•	•	•	•
115050533				±6		D 35mm		•	•	•	•
115050553				±8		D 50mm		•	•	•	•
115051023	50-100	2-4"		±6	62	D 20mm		•	•	•	•
115051033				±6		D 35mm		•	•	•	•
115051053				±8		D 50mm		•	•	•	•
115051523	100-150	4-6"		±7	85	D 20mm		•	•	•	•
115051533				±9		D 35mm		•	•	•	•
115051553				±9		D 50mm		•	•	•	•
115052023	150-200	6-8"		±8	110	D 20mm		•	•	•	•
115052033				±11		D 35mm		•	•	•	•
115052053				±11		D 50mm		•	•	•	•

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



STANDS



- Industry 4.0 adopted DataMet Disk Snap gauge
- Disk Anvils with D=20, 35 or 50mm
- Supplying with computerized DataMet indicator with 0,1 micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy	Depth	Anvils type	Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	
	mm	inch	mm	µm	mm		mm													
115050527	0-50	0-2"	0,0001	±4	32	D 20mm	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID	
115050537				±5		D 35mm		•	•	•	•	•	•	•	•	•				
115050557				±7		D 50mm		•	•	•	•	•	•	•	•	•				
115051027	50-100	2-4"		±4	62	D 20mm		•	•	•	•	•	•	•	•	•				•
115051037				±5		D 35mm		•	•	•	•	•	•	•	•	•				
115051057				±7		D 50mm		•	•	•	•	•	•	•	•	•				
115051527	100-150	4-6"		±6	85	D 20mm		•	•	•	•	•	•	•	•	•				•
115051537				±7		D 35mm		•	•	•	•	•	•	•	•	•				
115051557				±9		D 50mm		•	•	•	•	•	•	•	•	•				
115052027	150-200	6-8"		±7	110	D 20mm		•	•	•	•	•	•	•	•	•				•
115052037				±8		D 35mm		•	•	•	•	•	•	•	•	•				
115052057				±9		D 50mm		•	•	•	•	•	•	•	•	•				



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MDS app WINDOWS



DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



DataMet
interface

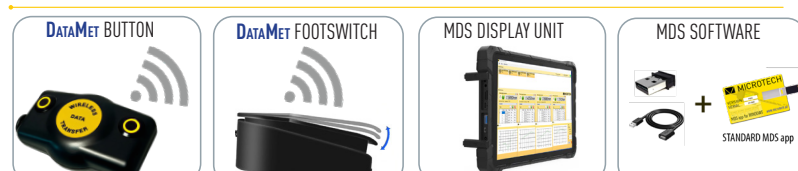


CONNECTION
possibilities

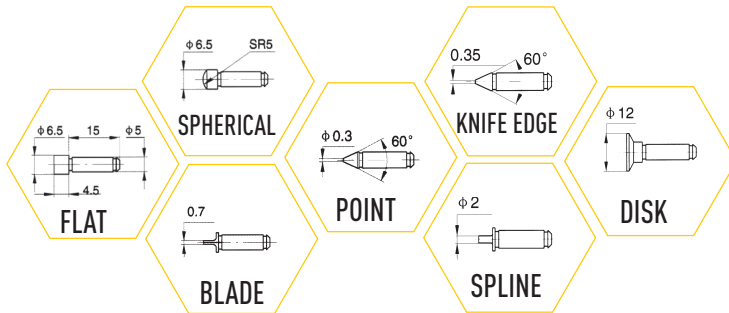
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** Snap gauge
- Interchangeable anvils - supplying with **UNIVERSAL** anvils set (7 PAIRS: FLAT, SPHERICAL, DISK, BLADE, POINT, SPLINE, KNIFE EDGE)
- Supplying with computerized **DataMet** indicator with 0,1 micron resolution
- Functions: Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager**: 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- Calibration certificate included (ISO17025 (Ilac MRA))



INTERCHANGEABLE ANVILS UNIVERSAL ANVILS INCLUDED



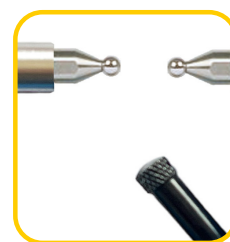
0,1µm



OPTIONAL ANVILS



THREAD ANVILS



BALLS ANVILS



DISK ANVILS

DATA MET FUNCTIONS

COLOR GO / NOGO TIMER 0.000 sec RESET TIMER	COLOR MAX / MIN / RANGE Formula Ax^2+Bx+C Set Argv FORMULA Ax^2+Bx+C	MEMORY 1000 values Display Angle 270 Sleep OFF Touch OFF DISPLAY & ENERGY	MEMORY STATISTICS Resolution X.000 mm Normal RESOLUTION, mm/inch	TEMPERATURE COMPENSATION MDS MODE Ultra Power CLEAR WIRELESS to MDS app	DEVICE INFO, UPDATE HID MODE AD:FE TA N:A:C t Arr don Eco Power CLEAR WIRELESS & USB HID
--	---	--	--	---	---

Item No	Range		Resolution	Accuracy	Depth	Anvils		Travel	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch				SET	OPTION													
115050477	0-40	0-2"	0,0001	±3	32	UNIVERSAL SET (7 pairs of anvils)	Ball SET (10pairs), Thread SET, Disk	3	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115050977	40-90	2-4"		±4	62				•	•	•	•	•	•	•	•	•			
115051477	90-140	4-6"		±4	85				•	•	•	•	•	•	•	•	•			
115051977	140-190	6-8"		±4	110				•	•	•	•	•	•	•	•	•			
115052377	170-230	8-10"		±6	110				•	•	•	•	•	•	•	•	•			
115052577	200-250	8-10"		±6	110				•	•	•	•	•	•	•	•	•			
115053077	250-300	10-12"		±7	110				•	•	•	•	•	•	•	•	•			
115053577	300-350	12-14"		±8	110				•	•	•	•	•	•	•	•	•			
115054077	350-400	14-16"		±9	110				•	•	•	•	•	•	•	•	•			
115054577	400-450	16-18"		±10	110				•	•	•	•	•	•	•	•	•			
115055077	450-500	18-20"		±10	110				•	•	•	•	•	•	•	•	•			

OPTIONAL SNAP GAUGE ANVILS

Item No	Type	ANVILS SET
110750100	UNIVERSAL SET	7 PAIRS: FLAT, SPHERICAL, DISK, BLADE, POINT, SPLINE, KNIFE EDGE
110710001	THREAD SET	METRIC 60 0.4-7mm 6pcs
110720001		WHITWORTH 55 60-3.5 TPI 10pcs
110740100	BALL SET	Ball anvils SET 10 pcs 1-6mm
110750020	DISK pair	DISK D=20MM PAIR
110750035		DISK D=25MM PAIR
110750050		DISK D=50MM PAIR



THREAD STANDARDS

Item No	STANDARDS
110710005	50 mm METRIC 60
110710010	100 mm METRIC 60
110710015	150 mm METRIC 60
110710020	200 mm METRIC 60
110710025	250 mm METRIC 60
110710030	300 mm METRIC 60
110710035	350 mm METRIC 60
110710040	400 mm METRIC 60
110710045	450 mm METRIC 60
110720005	50 mm WHITWORTH 55
110720010	100 mm WHITWORTH 55
110720015	150 mm WHITWORTH 55
110720020	200 mm WHITWORTH 55
110720025	250 mm WHITWORTH 55
110720030	300 mm WHITWORTH 55
110720035	350 mm WHITWORTH 55
110720040	400 mm WHITWORTH 55
110720045	450 mm WHITWORTH 55



DataMet interface



CONNECTION possibilities



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MDS app WINDOWS



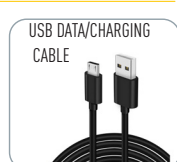
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MDS app iOS, MacOS



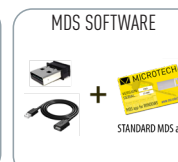
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DELIVERY SET

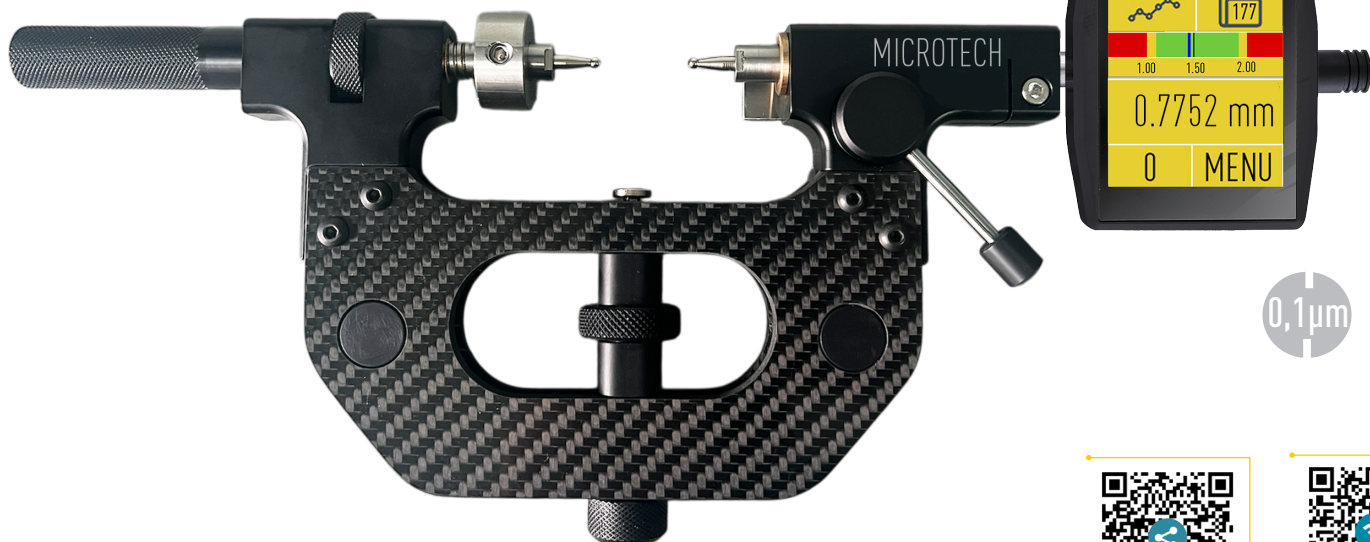


OPTIONAL



- Industry 4.0 adopted **DataMet CARBON** Universal Snap gauge
- Light CARBON fiber gauge (top quality, Italian made)
- Interchangeable anvils - supplying with D 3mm anvils
- Supplying with computerized **DataMet** indicator with 0,1 micron resolution
- **Functions:** Go/NoGo, Max/Min, MultiPreset, Formula, Timer, Linear correction, Temperature correction
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

INTERCHANGEABLE ANVILS supplying with D 3mm anvils



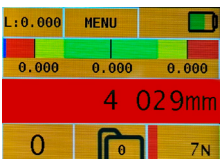
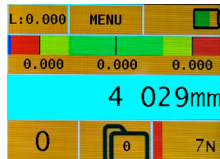
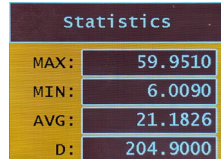
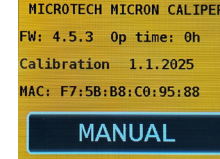
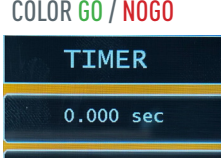
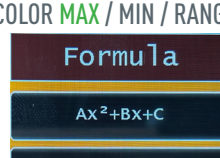
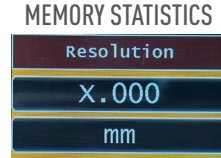
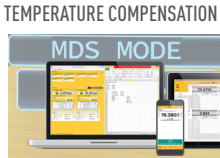
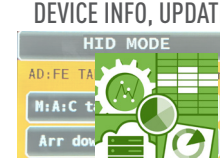
CARBON FIBER GAUGE
 ITALIAN MADE



0,1µm



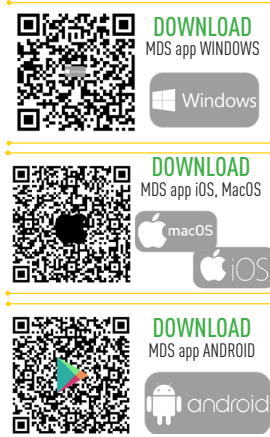
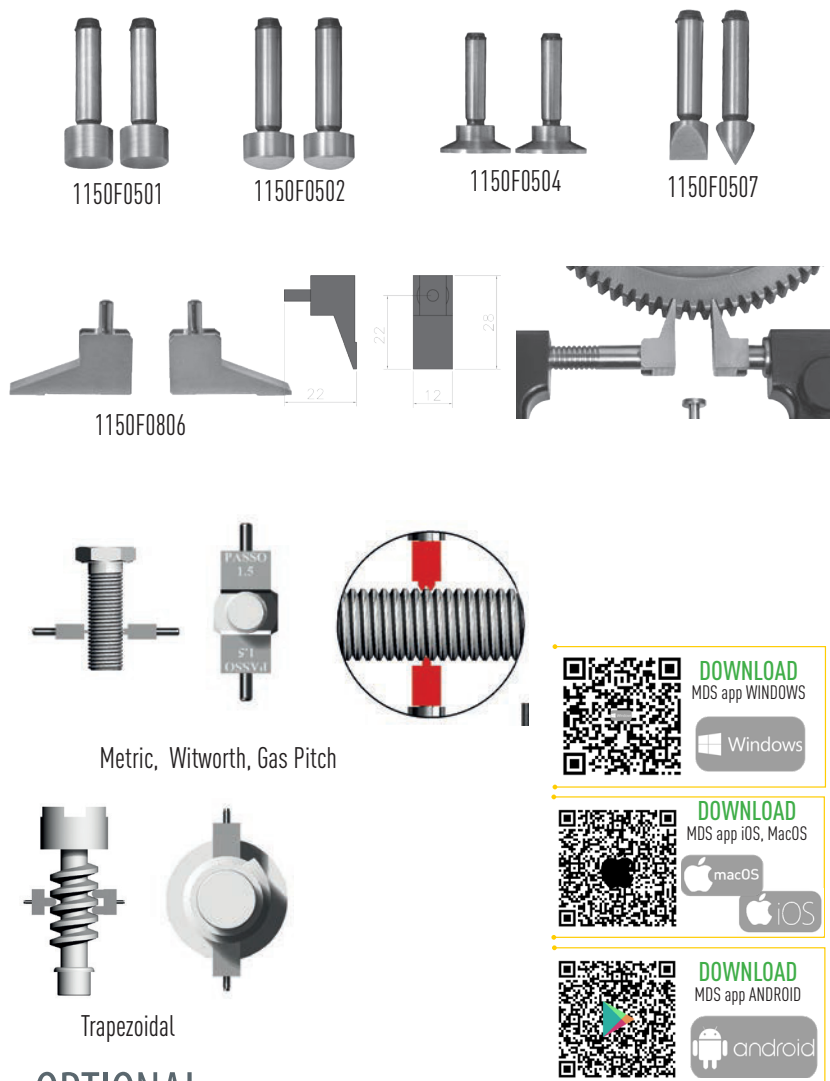
DATA MET FUNCTIONS

 COLOR GO / NOGO	 COLOR MAX / MIN / RANGE	 MEMORY 1000 values	 MEMORY STATISTICS	 TEMPERATURE COMPENSATION	 DEVICE INFO, UPDATE
 TIMER	 Formula	 Display	 Resolution	 WIRELESS to MDS app	 WIRELESS & USB HID
TIMER	FORMULA Ax^2+Bx+C	DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

Item No	Range		Resolution	Accuracy	Repeatability	Depth	Anvils		Travel	Force	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch					SET	OPTION															
115070507	0-50	0-2"	0,0001	±2	1	30	D 3mm	Gear, Disk, Thread	5	10	0,42	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
115071007	50-100	2-4"		±2	1	55				20	0,5	•	•	•	•	•	•	•	•	•			
115071507	100-150	4-6"		±3	1	80				20	0,62	•	•	•	•	•	•	•	•	•			
115072007	150-200	6-8"		±3	1	105				20	0,72	•	•	•	•	•	•	•	•	•			
115072507	200-250	8-10"		±4	1	130				20	0,92	•	•	•	•	•	•	•	•	•			
115073007	250-300	10-12"		±4	1	155				20	1,02	•	•	•	•	•	•	•	•	•			
115073507	300-350	12-14"		±5	1	180				20	1,5	•	•	•	•	•	•	•	•	•			
115074007	350-400	14-16"		±5	1	205				20	2,0	•	•	•	•	•	•	•	•	•			
115074507	400-450	16-18"		±6	1	230				20	2,3	•	•	•	•	•	•	•	•	•			
115075007	450-500	18-20"		±6	1	255				20	2,6	•	•	•	•	•	•	•	•	•			
115076007	500-600	20-24"		±7	1	305				30	4,0	•	•	•	•	•	•	•	•	•			
115077007	600-700	24-28"		±8	1	355				30	4,8	•	•	•	•	•	•	•	•	•			
115078007	700-800	28-32"		±9	1	405				30	5,5	•	•	•	•	•	•	•	•	•			

OPTIONAL SNAP GAUGE ANVILS

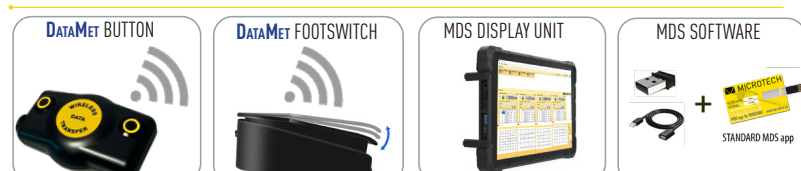
Item No	Type	D	P
		mm	
1150F0501	Disk	6,5	
1150F0502	Sphere	R5	
1150F0504	Disk	12	
1150F0507	Point	0,5	
1150F0806	Gear		
1150PM08	Metric Pitch		0,8
1150PM1	Metric Pitch		1
1150PM1,25	Metric Pitch		1,25
1150PM1,5	Metric Pitch		1,5
1150PM1,75	Metric Pitch		1,75
1150PM2	Metric Pitch		2
1150PM2,5	Metric Pitch		2,5
1150PW6	Witworth Pitch		6
1150PW8	Witworth Pitch		8
1150PW10	Witworth Pitch		10
1150PW12	Witworth Pitch		12
1150PG11	Gas Pitch		11
1150PG14	Gas Pitch		14
1150PG19	Gas Pitch		19
1150PT2	Trapezoidal		2
1150PT3	Trapezoidal		3
1150PT4	Trapezoidal		4
1150PT5	Trapezoidal		5
1150PT6	Trapezoidal		6
1150PT7	Trapezoidal		7
1150PT8	Trapezoidal		8
1150PT9	Trapezoidal		9
1150PT10	Trapezoidal		10
1150PT12	Trapezoidal		12



DELIVERY SET



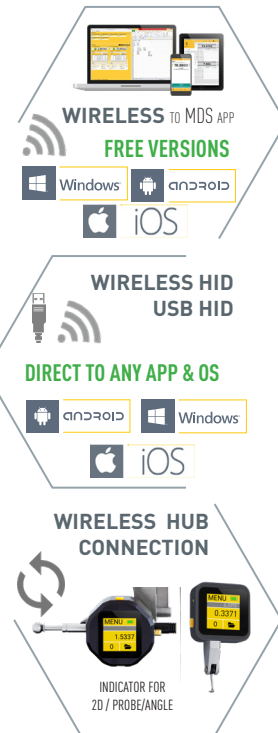
OPTIONAL



0,1µm



RANGE UP TO 150mm



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted Sub-micron **DataMet** indicator with computerized MICS system (Hi-res 2.4" color Touchscreen display)
- Patents UA126928, UA99686, UA2022050400
- Quick reading system (50 value/sec)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy.	Hyste- resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS										
	mm	inch	mm	µm	µm	N																												
120139135	0-12,5	0-0,5"	0,0001	±3,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	OPTION										
120139137				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139138				±1,6			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139139				±1,2			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139257	0-25,4	0-1"		±3,0		0,7-1.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•									
120139258				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139259				±1,6			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139505	0-50,8	0-2"		±5,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•									
120139508				±3,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139509				±2,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139907	0-100	0-4"		±5,0		3.2-5.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•									
120139908				±3,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•														
120139555	0-150	0-6"		±7,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•					•					•				
120139557				±5,0			•	•	•	•	•	•	•	•	•	•	•	•	•	•					•					•				



DataMet
interface



CONNECTION
possibilities



VIDEO

DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING
CABLE



OPTIONAL



DOWNLOAD
MDS app WINDOWS



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MDS app iOS, MacOS

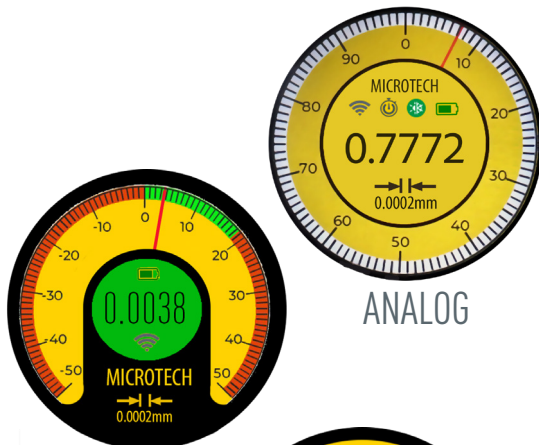


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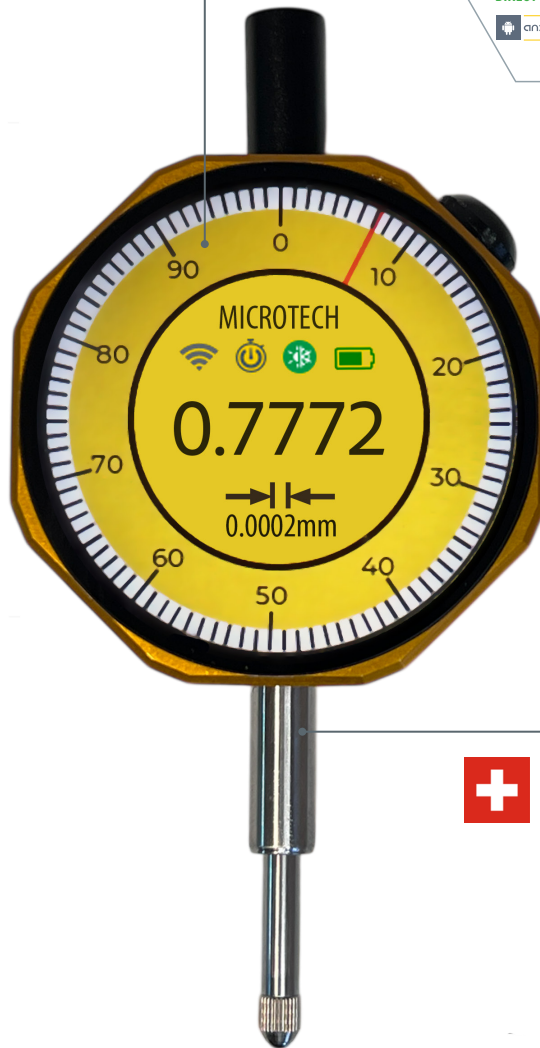
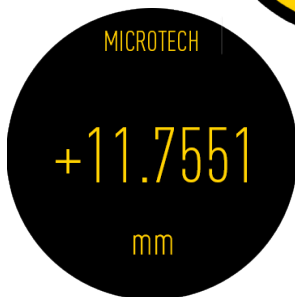
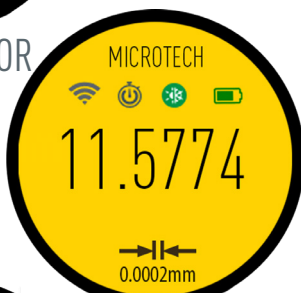


DATAmet MULTIFUNCTIONAL
ROUND 1.8" TOUCHSCREEN DISPLAY

ADJUSTABLE SCALES



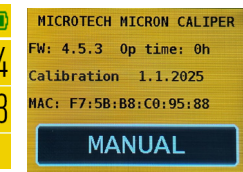
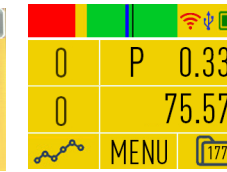
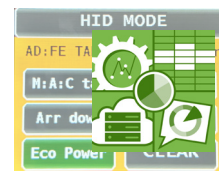
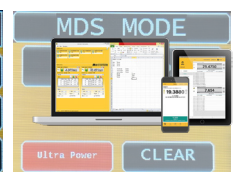
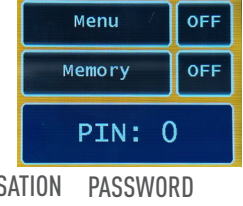
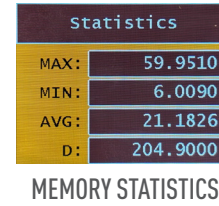
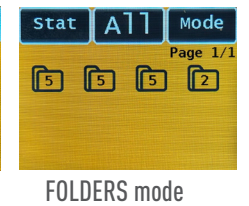
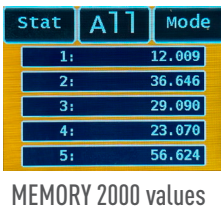
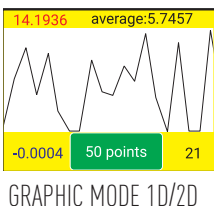
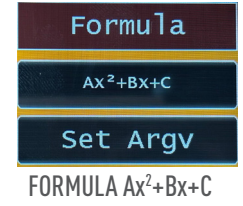
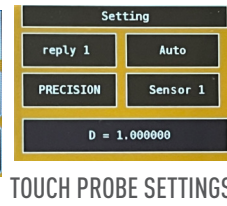
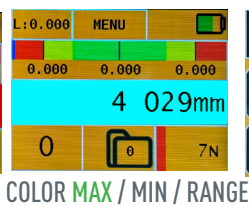
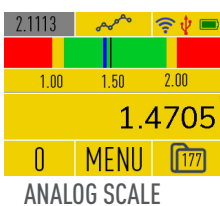
COMPARATOR



0,2µm



DATAmet FUNCTIONS



- Industry 4.0 adopted **DataMet** indicator with computerized **MICS** system with 1.8" color Round Touchscreen
- Sub-micron **SWISS made reading system** resolution **0.2 micron** (0,0002/0,001/0,01/0,1mm selection)
- Color adjustable Scales: Analog, Comparator, Digital
- Measuring ranges up to 0-200mm (0-8")
- For using in precision bore gauges, thickness gauges, measuring stands and custom solutions.
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** **50000 values**, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**, **USB HID**
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resol.	Accu- racy	Hyste- resis	Force	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm	N													
120137133	0-12.5	0-0.5"	0,0005	±3	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	Folders / 50000 val	Long range / HID	USB HID / Update
120137135			0,0002	±2			•	•	•	•	•	•	•	•	•	•			
120137136			0,0002	±1.5			•	•	•	•	•	•	•	•	•	•			
120137138			0,0002	±1.0			•	•	•	•	•	•	•	•	•	•			
120137253	0-25,4	0-1"	0,0005	±3		0.7-1.2	•	•	•	•	•	•	•	•	•	•			
120137255			0,0002	±2			•	•	•	•	•	•	•	•	•	•			
120137256			0,0002	±1.5			•	•	•	•	•	•	•	•	•	•			
120137303			0,0005	±3			•	•	•	•	•	•	•	•	•	•			
120137305	0-30	0-1.2"	0,0002	±2		1,2-2,2	•	•	•	•	•	•	•	•	•	•			
120137502			0,0005	±5			•	•	•	•	•	•	•	•	•	•			
120137503	0-50,8	0-2"	0,0002	±3			•	•	•	•	•	•	•	•	•	•			
120137505			0,0002	±2			•	•	•	•	•	•	•	•	•	•			
120137902	0-100	0-4"	0,0005	±5		3.2-5.2	•	•	•	•	•	•	•	•	•	•			
120137903			0,0002	±3			•	•	•	•	•	•	•	•	•	•			
120137952	0-150	0-6"	0,0005	±7			•	•	•	•	•	•	•	•	•	•			
120137953			0,0002	±4			•	•	•	•	•	•	•	•	•	•			
120137962	0-200	0-8"	0,0005	±9			•	•	•	•	•	•	•	•	•	•			
120137963			0,0002	±5			•	•	•	•	•	•	•	•	•	•			

DELIVERY SET



OPTIONAL



DOWNLOAD
MDS app WINDOWS
Windows



DOWNLOAD
MDS app iOS, MacOS
macOS
iOS



DOWNLOAD
MDS app ANDROID
android

- Industry 4.0 adopted sub-micron **DataMet** dial comparator with 0.1 micron resolution
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution	Accuracy	Force	Stem D	Preset	Go/NoGo	Max/Min	Formula	Timer	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
120120288	0.1	0,0001	±0.5	1.8-2.2	28	•	•	•	•	•	•	•	•	•	•	•	•
120120289	0.5		±0.75			•	•	•	•	•	•	•	•	•	•	•	•

0,1µm



DATA MET FUNCTIONS

ANALOG SCALE

COLOR GO / NOGO

COLOR MAX / MIN / RANGE

TIMER

TOUCH PROBE SETTINGS

FORMULA Ax^2+Bx+C

GRAPHIC MODE 1D/2D

MEMORY 2000 values

FOLDERS mode

MEMORY STATISTICS

TEMPERATURE COMPENSATION

PASSWORD

Display

Resolution, mm/inch

WIRELESS to MDS app

WIRELESS & USB HID

HUB mode (2D, Probe)

DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** ROTATING indicator with computerized MICS system with 2.4" color Touchscreen
- **ROTATING** display for using in bore gauges and other custom solution
- Patents UA126928, UA99686, UA2022050400
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy.	Hyste- resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	µm	N																	
120139137R	0-12,5	0-0,5"		±2,0		0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139258R	0-25,4	0-1"	0,0001	±2,0	0,5	0,7-1,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120139508R	0-50,8	0-2"		±3,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

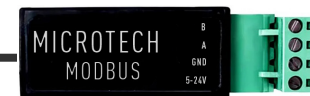
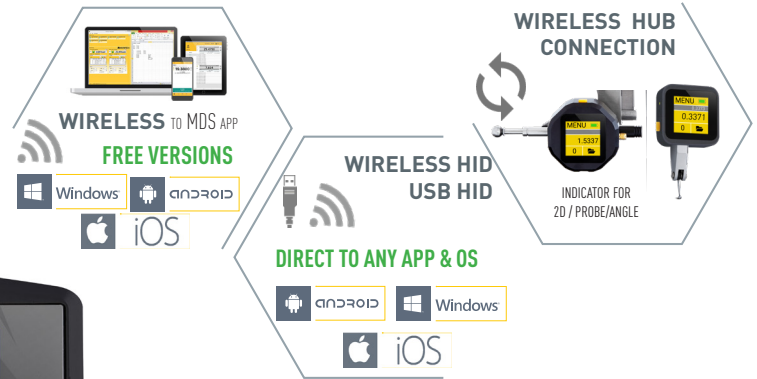
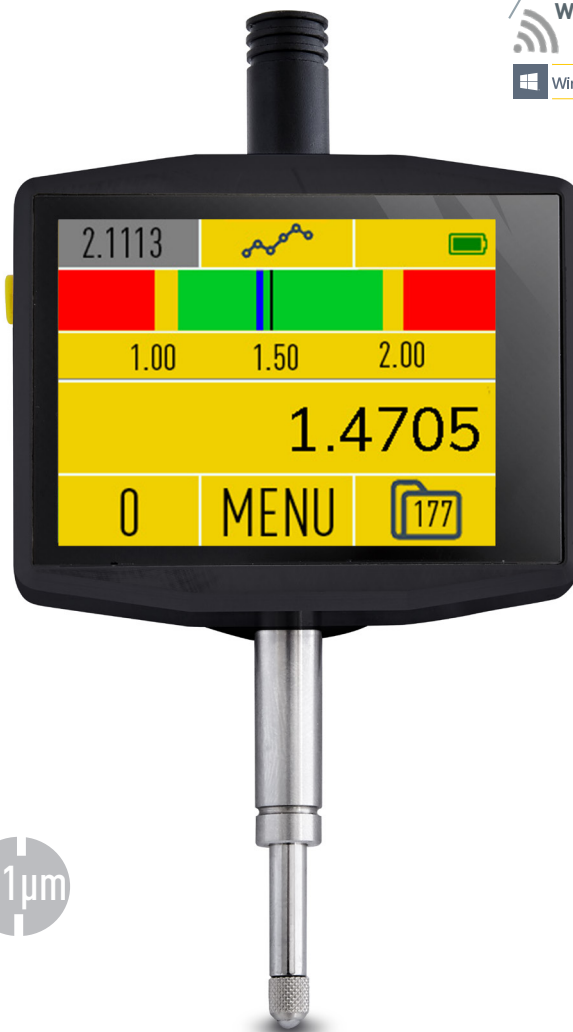


DELIVERY SET



OPTIONAL





OPTIONAL MODBUS ASCII, MODBUS TCP/IP

0,1µm

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted MODBUS **DataMet** indicator with computerized MICS system with 2.4" color Touchscreen
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy.	Hyste- resis	Force	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP	WIRELESS	USB			
	mm	inch	mm	µm	µm	N																						
120139137M	0-12,5	0-0,5"	0,0001	±2,0	0,5	0,6-1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	optional	optional	•	•			
120139258M	0-25,4	0-1"		±2,0		0.7-1.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	
120139508M	0-50,8	0-2"		±3,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	
120139907M	0-100	0-4"		±5,0		1,2-2,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•
120139505M	0-150	0-6"		±7,0		3.2-5.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•



MODBUS
protocol



DataMet
interface

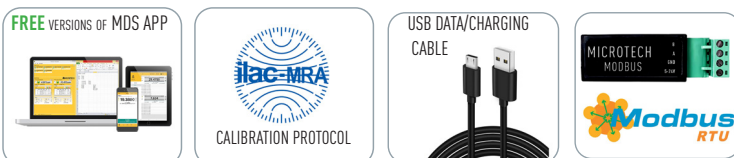


CONNECTION
possibilities



VIDEO

DELIVERY SET



OPTIONAL



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

macOS
iOS



DOWNLOAD
MDS app ANDROID

android

- High quality **CertiMet** digital indicator with IP65 proof
- PRESET, mm/inch, HOLD function
- USB data transfer
- CR2032 3V battery
- Calibration certificate included (ISO17025 (Ilac MRA))


VIDEO

RANGE UP TO 200MM

**PRESET
FUNCTION**

Item No	Range		Resolution		Accuracy	Force	Proof	mm/inch	Preset	ABS	USB DATA
	mm	inch	mm	inch	μm	N					
120125131			0,01	0.0005"	±10		IP65	•	•	•	•
120125132					±6			•	•	•	•
120125133	0-12,7	0-0,5"	0,001	0.00005"	±4	0.6-1		•	•	•	•
120125134					±3			•	•	•	•
120125135					±2			•	•	•	•
120125251			0,01	0.0005"	±10			•	•	•	•
120125252	0-25,4	0-1"	0,001	0.00005"	±6	0.7-1.2		•	•	•	•
120125253					±4			•	•	•	•
120125500			0,01	0.0005"	±20			•	•	•	•
120125502	0-50,8	0-2"	0,001	0.00005"	±7	1.2-2.2		•	•	•	•
120125503					±5			•	•	•	•
120125901			0,01	0.0005"	±20			•	•	•	•
120125902	0-100	0-4"	0,001	0.00005"	±12			•	•	•	•
120125904					±8			•	•	•	•
120125951			0,01	0.0005"	±30			•	•	•	•
120125952	0-150	0-6"	0,001	0.00005"	±20	3-5		•	•	•	•
120125954					±10			•	•	•	•
120125961			0,01	0.0005"	±30			•	•	•	•
120125962	0-200	0-8"	0,001	0.00005"	±20			•	•	•	•
120125964					±10			•	•	•	•

DELIVERY SET


CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD


STANDS


- **CertiMet** dial indicator
- 0.01 or 0.001mm resolution
- Jeweled bearing
- Modification with SHOCKPROOF & WATERPROOF
- With adjustable tolerance markers
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution	Accuracy	Bezel D	Shockproof	Jeweled	Tol. markers	Waterproof	Rubber sleeve
	mm	mm	μm	mm					
120121010	0-1	0,001	±3	60		•	•		
120121100	0-10	0,01	±15			•	•		
120120100					•	•	•	•	
120121300	0-30		±25			•	•		
120121500	0-50		±35			•	•		
120121990	0-100		±40			•	•		

DELIVERY SET



OPTIONAL





DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** Display Unit with computerized MICS system with 3,5" color Touchscreen
- Up to 4 Probes connection or 4 WIRELESS connections
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet DISPLAY UNIT

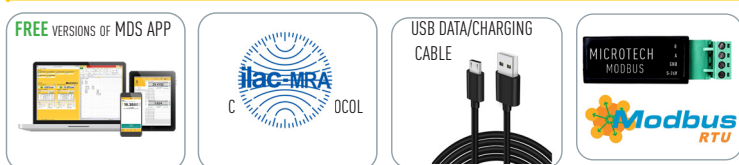
Item No	INPUT CONNECTION		Data output			Memory	Display	Battery	Footswitch
	CAPACITIVE PROBES	WIRELESS	MODBUS RTU	WIRELESS	USB				
299999024M	max 4	max 4	•	•	•	2000	3,5"	Li-Pol	2-button
299999034M			•	•	•				

CAPACITIVE LINEAR PROBES

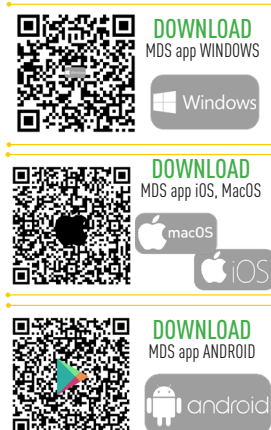
Item No	Range		Resol.	Accu- racy	Hyste- resis	Force	Cable length	Clamping	Output socket
	mm	inch							
120129101P	0-1	0-0.05"	0,0001	±0.5	0,3	1.8-2.2	2 Optional 10	Ø 28-h6	7 pin
120129137P	0-13	0-0.5"		±2		0,6-1		Ø 8-h6	
120129258P	0-25	0-1"		±2	0,5	0.7-1.2			
120129508P	0-50	0-2"		±3		1,2-2,2			
120129907P	0-100	0-4"		±5	1	3.2-5.2			
120129507P	0-150	0-6"		±7					

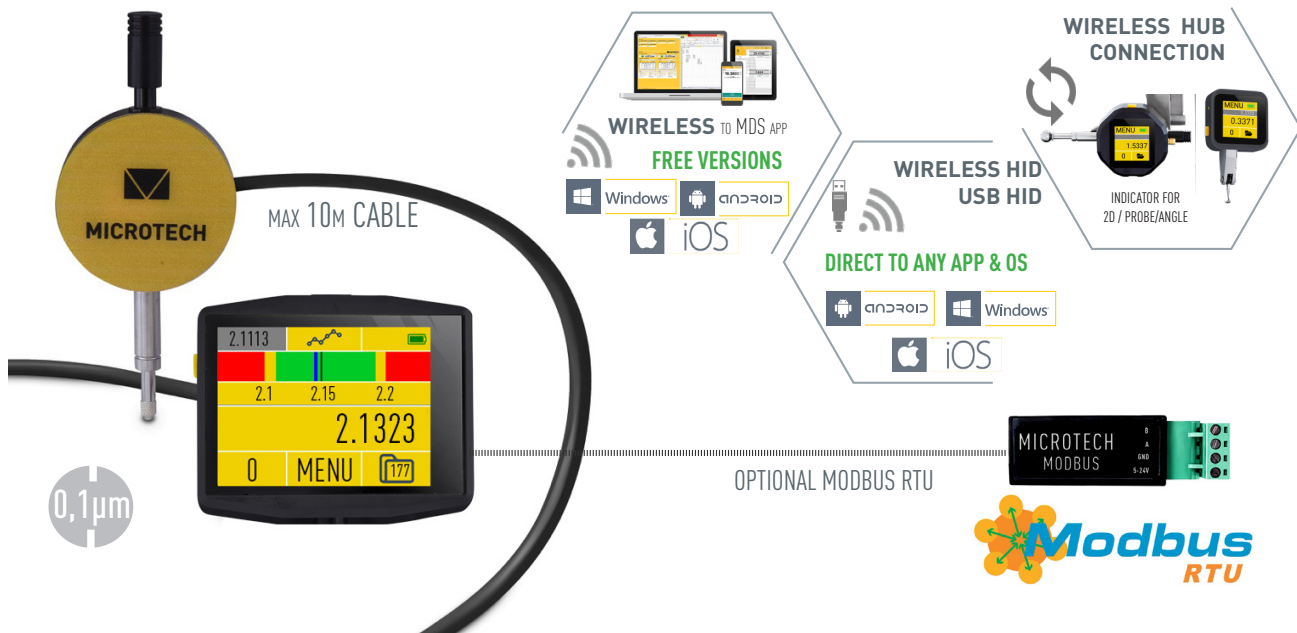


DELIVERY SET



OPTIONAL





DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** indicator with external probe and computerized MICS system with 2.4" color Touchscreen
- External measuring probe (indicator, test indicator) with 2-10m length
- Optional **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet EXTERNAL PROBE INDICATOR

Item No	Range		Resol.	Accu- racy	Hyste- resis	Force	Clamping	Cable length	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch																								
120129101L	0-1	0-0.05"	0,0001	±0,5	0,3	1.8-2.2	Ø 28-h6	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	OPTION
120129137L	0-12,5	0-0.5"		±2	0,5	0,6-1	Ø 8-h6	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
120129137L10				±3	1			10	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
120129258L	0-25,4	0-1"		±2	0,5	0.7-1.2		2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
120129258L10				±3	1			10	•	•	•	•	•	•	•	•	•	•	•	•	•					
120129508L	0-50,8	0-2"		±3	0,5	1,2-2,2		2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
120129508L10				±5	1			10	•	•	•	•	•	•	•	•	•	•	•	•	•					
120129907L	0-100	0-4"		±5	1	3.2-5.2		2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
120129907L10				±6	1,5			10	•	•	•	•	•	•	•	•	•	•	•	•	•					
120129507L	0-150	0-6"		±7	1			2	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
120129507L10				±9	1,5			10	•	•	•	•	•	•	•	•	•	•	•	•	•					

DataMet EXTERNAL PROBE TEST INDICATOR

Item No	Range		Resol.	Accu- racy	Probe	Measu- ring Force	Cable length	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch																			
120129019L	-0.8	-0.03"	0,0001	±5	12,8	0,1-0,18	2	•	•	•	•	•	•	•	•	•	•	•	•	•	OPTION
120129019L10	+0.8	+0.03"			12,8		10	•	•	•	•	•	•	•	•	•	•	•	•	•	



DataMet
interface



CONNECTION
possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING
CABLE



OPTIONAL



DOWNLOAD
MDS app WINDOWS



DOWNLOAD
MDS app iOS, MacOS



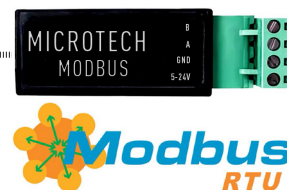
DOWNLOAD
MDS app ANDROID



- Industry 4.0 adopted **DataMet** test indicator with computerized MICS system color Touchscreen
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))



MODIFICATION MODBUS RTU



Item No	Range		Resol.	Accu- racy	Probe	Measur- ing Force	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm	mm	N														
120129018	-0.8	-0.03"	0,0001	±5	12,8	0,1-0,18	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120129018M	+0.8	+0.03"					•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities

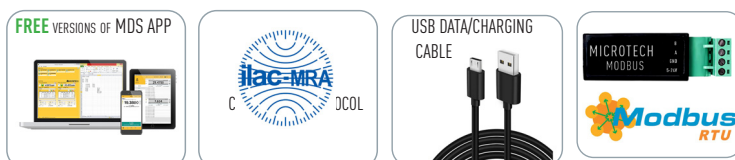


MODBUS
protocol



VIDEO

DELIVERY SET



OPTIONAL



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

macOS
iOS



DOWNLOAD
MDS app ANDROID

android

- Top quality dial test indicators
- Contrast black dial face
- 0.01 or 0.002 mm resolution
- Adjustable bezel for zeroing
- Jeweled
- Completing with dovetail stem 6 and 8mm
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Reso- lution	Repea- tability	Dial face	Accu- racy	Probe	Measuring Force	Scale Diameter
	mm	mm	mm		µm	mm	N	mm
120131080	0-0.8	0,01	3	40-0-40	±10	12,8	0,1-0,18	32
120131020	0-0.2	0,002	1,5	100-0-100	±6	12,8		40

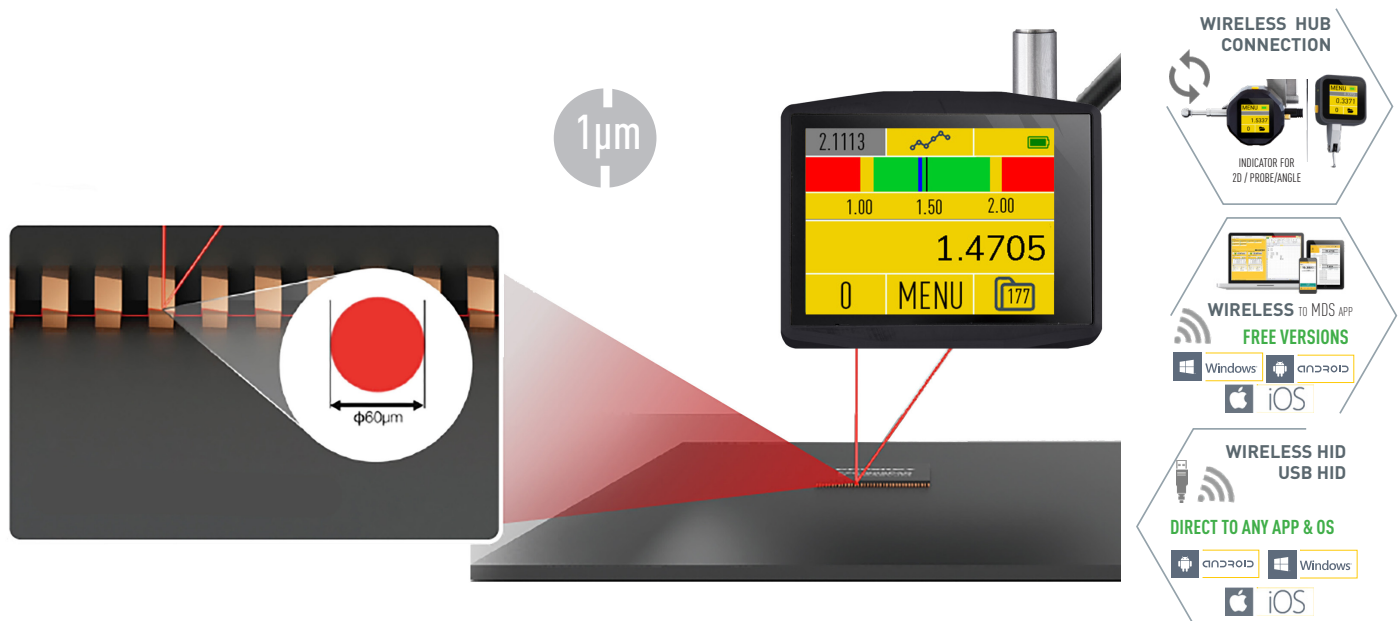
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted LASER **DataMet** indicator with computerized MICS system (Hi-res 2.4" color Touchscreen display)
- LASER **DataMet** computerized indicator with 0.001mm resolution (adjust 0,001/0,01mm)
- Quick reading system up to 4 KHz
- IP67 Water-dust proof
- Clamping Ø 8-h6
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso- lution	Accu- racy*	Clamping Diameter	Proof	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm																		
120177040	±4	±0.15"		±8			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120177200	±20	±0.75"	0,001	±20	8-h6	IP67	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
120177600	±60	±2.25"		±60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)

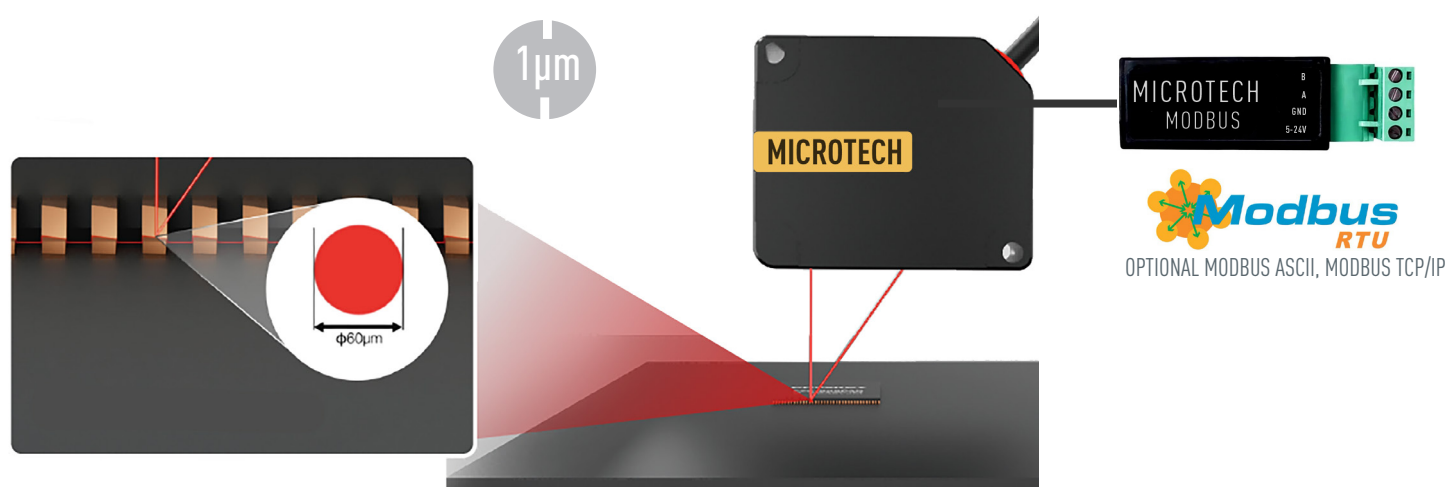
DELIVERY SET



OPTIONAL



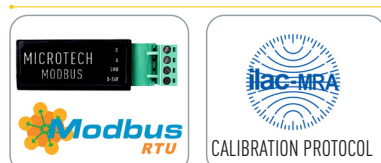
- **MODBUS RTU** LASER indicator (OLED display), IP67 water-dust proof
- LASER **DataMet** computerized indicator with 0.001mm resolution (adjust 0,001/0,01mm)
- Clamping Ø 8-h6
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Quick reading system up to 4 KHz
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



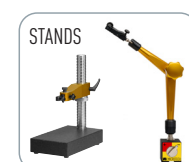
Item No	Range		Resolution	Accuracy*	Clamping Diameter	Proof	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch							
120177040M	±4	±0.15"	0,001	±8	8-h6	IP67	•	option	option
120177200M	±20	±0.75"		±20			•		
120177600M	±60	±2.25"		±60			•		

*ACCURACY ON WELL ON MATTE OR NON-REFLECTIVE SURFACES (CERAMIC)

DELIVERY SET



OPTIONAL



- **Industry 4.0** adopted sub-micron Computerized crankshaft tester with computerized MICS system with 1,54" color Touchscreen
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- Tester for testing Crankshaft deflection. Complete with Computerized sub-micron indicator, extension rods set and balance block
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

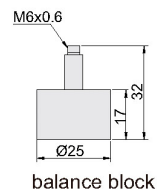
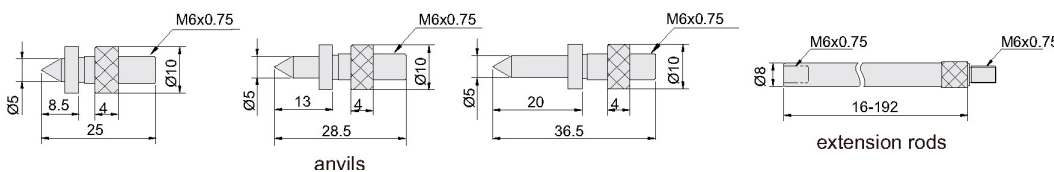
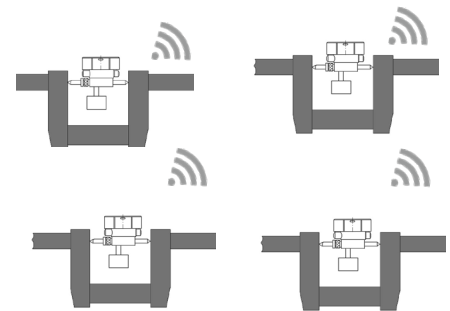


MICROTECH
MODBUS
MODIFICATION MODBUS RTU

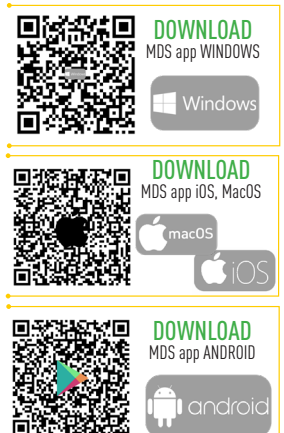


0,1µm

CONNECTION TO IoT DISPLAY UNIT OR PC WITH MDS APP



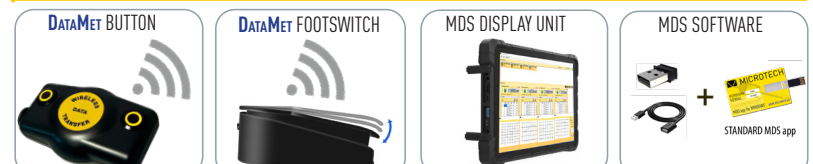
Item No	Range		Resol.	Accu- racy	Extension rods	Preset	Go/NoGo	Max/Min	Formula	Timer	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	set	indicator																
126050007	60-500	0-3	0,0001	±12	16, 32, 64, 96, 128, 192	•	•	•	•	•	•	•	•	•	•	•	•	•
126050007M						•	•	•	•	•	•	•	•	•	•	•	•	•
126070007	60-700			±15	16x2, 32, 64, 96, 128, 192x2	•	•	•	•	•	•	•	•	•	•	•	•	•
126070007M						•	•	•	•	•	•	•	•	•	•	•	•	•



DELIVERY SET



OPTIONAL



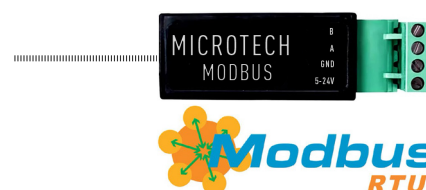
- Industry 4.0 adopted sub-micron CO-AXIAL CENTERING Computerized indicator with computerized MICS system with 1,54" color Touchscreen
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- Centering a workpiece or fixture in the horizontal direction for vertical machines, internal or external diameter
- Set includes 7 probes
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

- PEAK FUNCTIONS: MAX, MIN, RANGE
- COLOR GO/NOGO
- TIMER
- MULTI-PRESET (4 PRESET SELECTING)

0,1µm



MODIFICATION MODBUS RTU



Modbus RTU



DataMet interface



CONNECTION possibilities

Item No	Measuring range		Resolution	Accuracy	DELIVERY SET	Preset	Go/NoGo	Max/Min	Formula	Timer	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm														
127050407	0-3,6	0-0,12"	0,0001	±10	center point feeler-1pcs	•	•	•	•	•	•	•	•	•	•	•	•	
127050407M					Straight feeler -3pcs curved feeler -3pcs	•	•	•	•	•	•	•	•	•	•	•	•	•



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

macOS



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android

DELIVERY SET



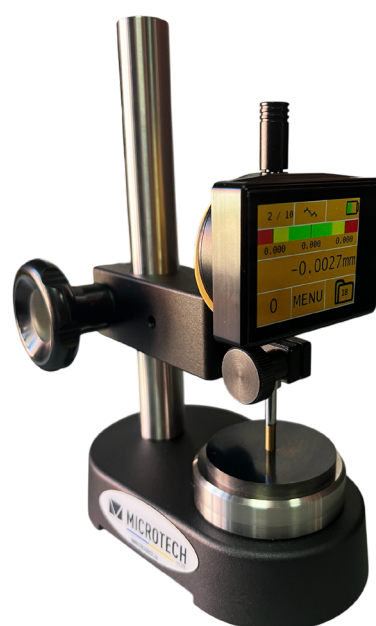
OPTIONAL



- Fine adjustment
- D60mm steel table
- For Dial, Digital indicators and probes installation (with 8mm clamping)



Item No	Base	Measuring table	Flatness	Column	Fine adjustment	Clamp hole D	Weight
	mm	mm	μm	mm	mm	mm	kg
161002020	149x90x30	D60	2	D22x180	8	8	2



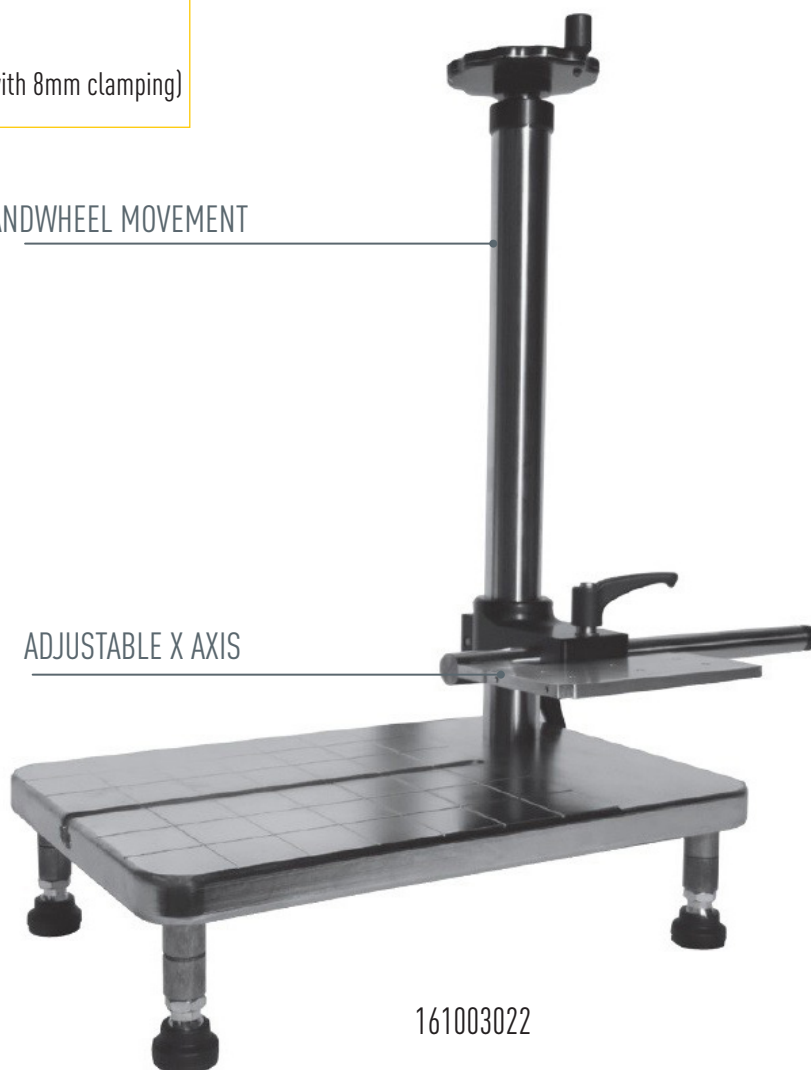
- High accuracy handwheel movement
- Modification with Adjustable X axis
- For Dial, Digital indicators and probes installation (with 8mm clamping)

HANDWHEEL MOVEMENT

ADJUSTABLE X AXIS



161001511



161003022

HIGH ACCURACY



ITALIAN MADE

Item No	Base	Measuring table	Column	Z axis Fine adjustment	X axis Fine adjustment	Clamp hole D	Weight
	mm	mm	mm	micrometric		mm	kg
161001511	150x100x46	72x100	D30x250	•		8	5,4
161003022	300x200x19	210x200	D30x314	•	•	8	9,9



- High quality Granite gr.00 measuring table
- Modification with Helical thread,
- Modifications with Fine adjustment or adjustable arm
- For Dial, Digital indicators and probes installation (with 8mm clamping)

FINE ADJUSTMENT

HELICAL THREAD

ADJUSTMENT
ARM

TOP QUALITY

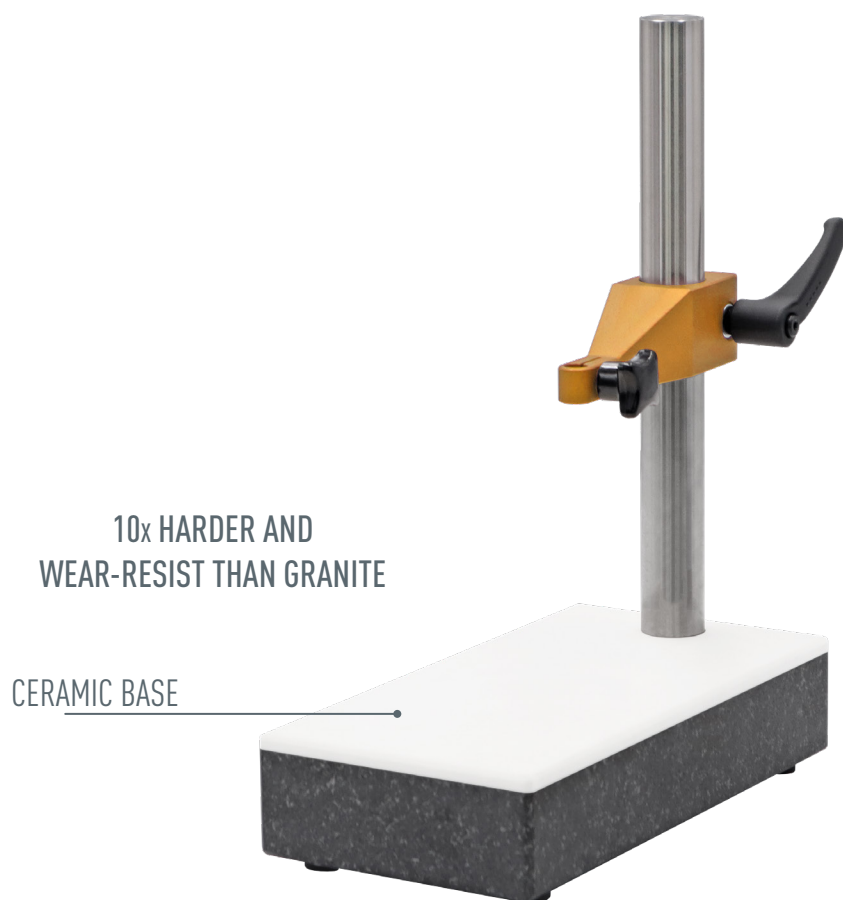


GERMAN MADE

Item No	GRANITE Measuring table			Column	Helical thread	Fine adjustment	Adjustable arm	Clamp hole D	Weight
	Table size	Measuring surface	Gr						
	mm	mm						mm	kg
161057420	200x100x50	165x100	00	D22x180				8	4,0
161057442	250x200x50	200x200	00	D35x210	•	•		8	10,6
161057471	400x250x50	350x250	00	D35x230	•		•	8	17,5

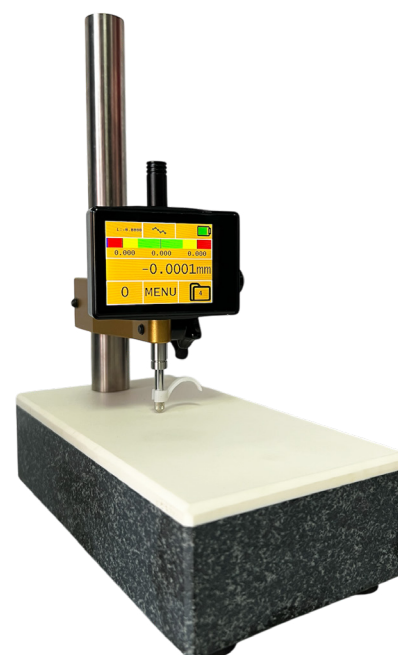


- Ceramic coating gr.00 measuring table
- 10x harder and more wear-resist than granite
- Polished and fine diamond lappong
- For Dial, Digital indicators and probes installation (with 8mm clamping)



TOP QUALITY
 **GERMAN MADE**

Item No	CERAMIC Measuring table			Column	Clamp hole D	Weight
	Table size	Measuring surface	Gr			
	mm	mm				
161057422	200x100x50	165x100	00	D22x180	8	4.0



- Top quality hydraulic magnetic stand with high lock force holder
- Aluminium arm with yellow-gold finished
- 100kgf magnetic base with ON/OFF fixation
- Fixation in any position
- Holds Diameters 8mm and dovetail



Item No	Magnetic force	Base	Length	Clamp		Weight
				D	dovetail	
161110900	100 kgf	74x50x55 mm	400 mm	8 mm	+	2 kg



- Universal articulated magnetic stand
- Aluminium arm with yellow-gold finished
- 80 , 100kgf or 130kgf magnetic base with ON/OFF fixation
- Fixation in any position
- Smooth height adjusting mechanism on 100 kgf version
- Holds Diameters 8mm and dovetail



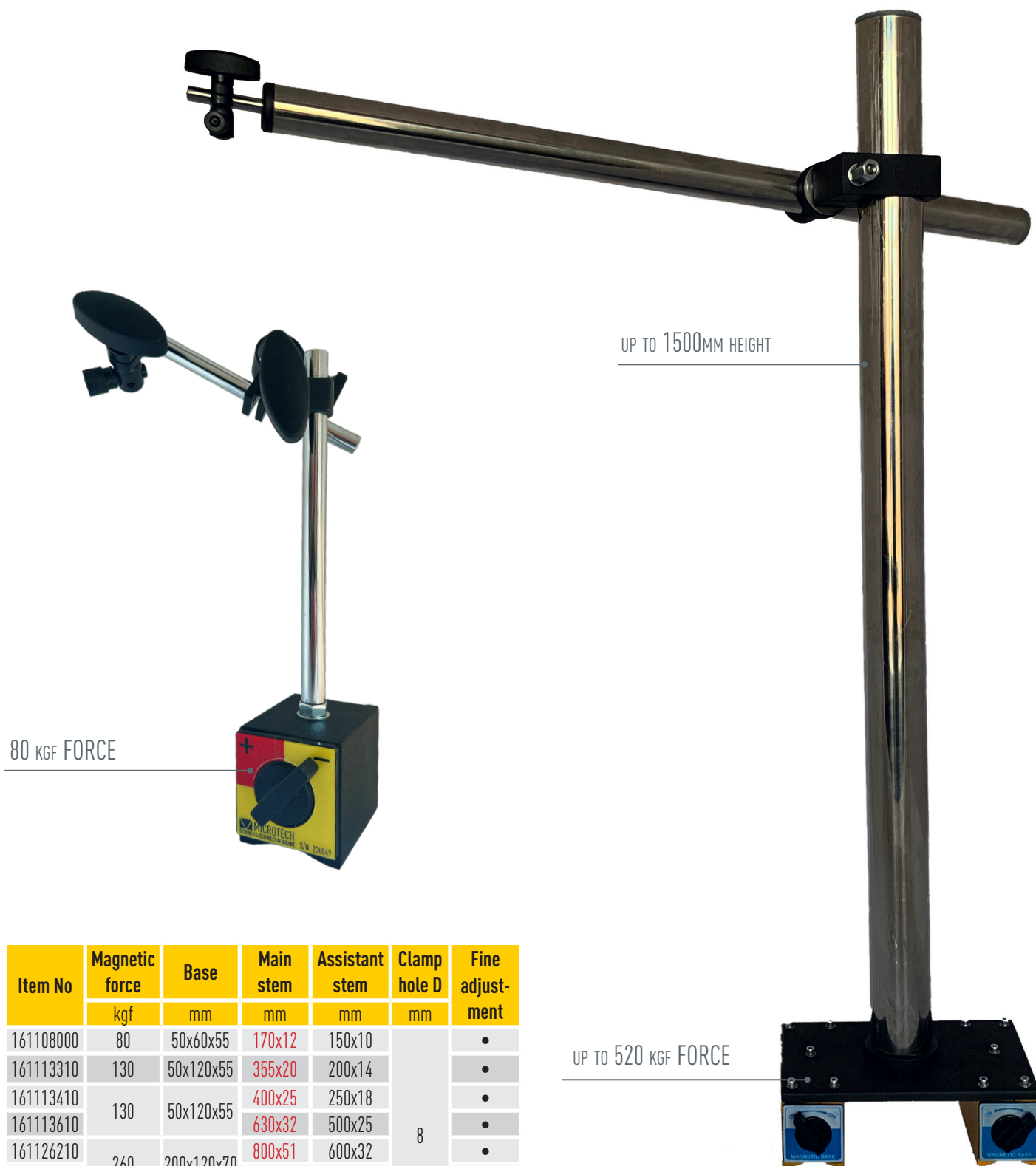
Item No	Magnetic force kgf	Base mm	Length mm	Clamp		Smooth height adjusting	Weight kg
				D mm	dovetail		
161108800	80	50x60x55	380	8	+		1,4
161110801	100	74x50x55				+	1,75
161113800	130	50x120x55					3,5



- Hardened magnetic stand
- Height of stand up to 1500mm
- 80-520 kgf magnetic base with ON/OFF fixation
- Holds Diameter 8mm
- Customized modifications for request (height, arm, Force)



VIDEO



Item No	Magnetic force	Base	Main stem	Assistant stem	Clamp hole D	Fine adjustment
	kgf	mm	mm	mm	mm	
161108000	80	50x60x55	170x12	150x10	8	•
161113310	130	50x120x55	355x20	200x14		•
161113410	130	50x120x55	400x25	250x18		•
161113610			630x32	500x25		•
161126210			800x51	600x32		•
161126310	260	200x120x70	1000x51	600x32		•
161152410	520	250x250x80	1250x76	800x51		•
161152510			1500x76	800x51		•

UP TO 520 KGf FORCE

MICROMETER STAND

- Micrometer stand for fixing micrometers and snap gauges
- Customized modifications for requirement



Item No	Micrometer range	Depth	Adjustable angle	Weight
		mm		kg
161801500	up to 100mm	4-20	•	1,2



- **CertiMet** digital MICRON FILM Thickness gauge 0.001mm resolution
- Calibration certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

1µm

Item No	Range	Depth	Roll width	Resolution	Accuracy	Proof	mm/inch	Preset	ABS	USB DATA
	mm	mm	mm	mm	µm					
137010106	0-10	100	7	0,001	±12	IP65	•	•	•	•

DELIVERY SET



OPTIONAL

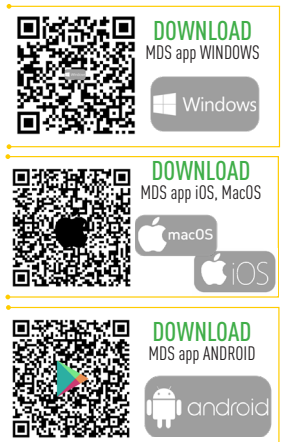
141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



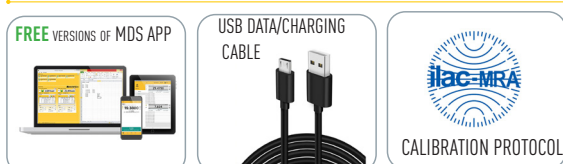
- **DataMet** FILM Thickness gauge with 0.0001mm resolution
- **WIRELESS** data transfer **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **WIRELESS HID+MAC**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



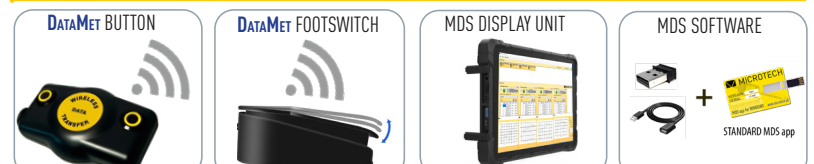
Item No	Range	Depth	Roll width	Resolution	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
137010108	0-10	100	7	0,0001	±10	•	•	•	•	•	•	•	•	•	•	•	•	•
137010108M						•	•	•	•	•	•	•	•	•	•	•	•	•



DELIVERY SET



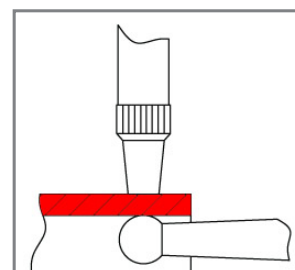
OPTIONAL



- **CertiMet** digital MICRON WALL Thickness gauge 0.001mm resolution
- Contact point D 4 or 6mm
- Calibration certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION



Item No	Range	Contact point	Resolution	Accuracy	Proof	mm/inch	Preset	ABS	USB DATA
	mm	mm	mm	μm					
137011146	0-10	D 4	0,001	±12	IP65	•	•	•	•
137011106		D 6			IP65	•	•	•	•

DELIVERY SET

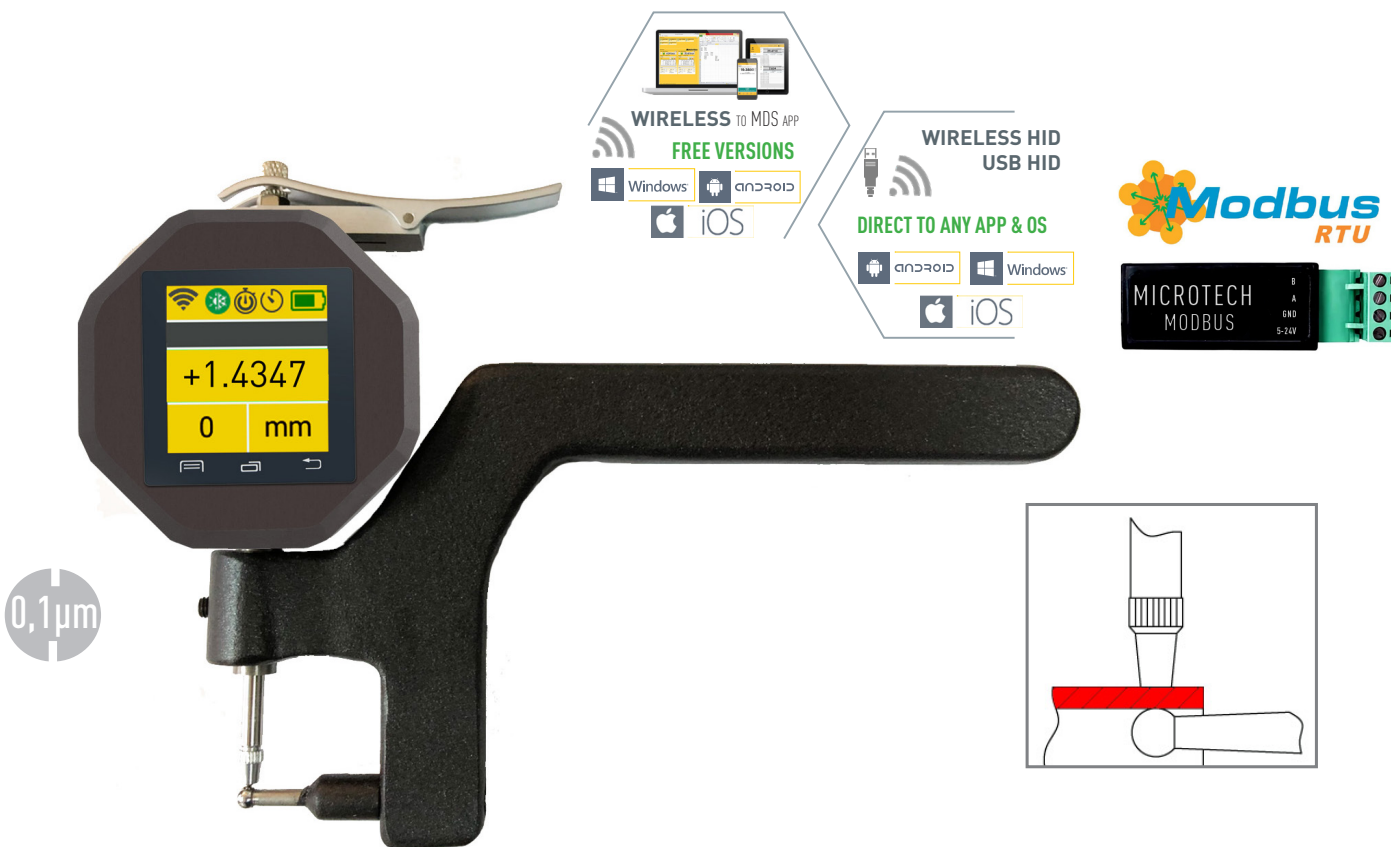


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- DataMet FILM Thickness gauge with 0.0001mm resolution
- **WIRELESS** data transfer **3 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Contact point	Resolution	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU		
	mm	mm	mm	μm															
137011147	0-10	D 4	0,0001	±8	•	•	•	•	•	•	•	•	•	•	•	•			
137011147M					•	•	•	•	•	•	•	•	•	•	•	•	•	•	
137011107		D 6			•	•	•	•	•	•	•	•	•	•	•	•	•	•	
13701110M					•	•	•	•	•	•	•	•	•	•	•	•	•	•	



DataMet interface



CONNECTION possibilities



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Windows



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macOS iOS



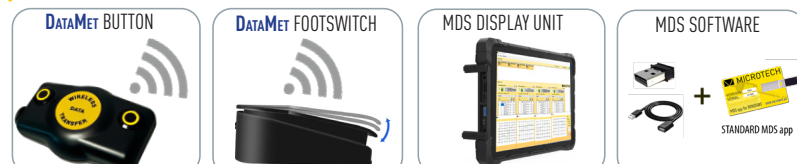
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android

DELIVERY SET



OPTIONAL



- **CertiMet** digital MICRON thickness gauge for Braille dot height
- Modification with Micron Digital indicator IP65 proof with PRESET function
- Modification with Sub-Micron Computerized indicator with functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status, Memory 2000 values, Folders system, Statistics mode, Memory data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution	Accuracy	Depth	Contact points D	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	FW update	Recharge	Memory	WIRELESS	USB
137022078	0-10	0.001	±5	60	7.8	steel	•									

DELIVERY SET

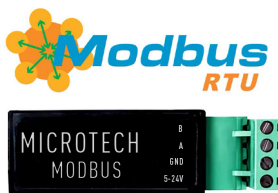


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- Industry 4.0 adopted DataMet Braille dot thickness gauge
- Granite base gr.00
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODIFICATION MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution	Accuracy	Depth	Contact points D	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
137022079	mm	mm	μm	mm	mm												
137022079M	0-10	0.0001	±3	60	7.8	granite gr.00	•	•	•	•	•	•	•	•	•	•	•



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MDS app WINDOWS



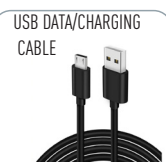
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MDS app ANDROID

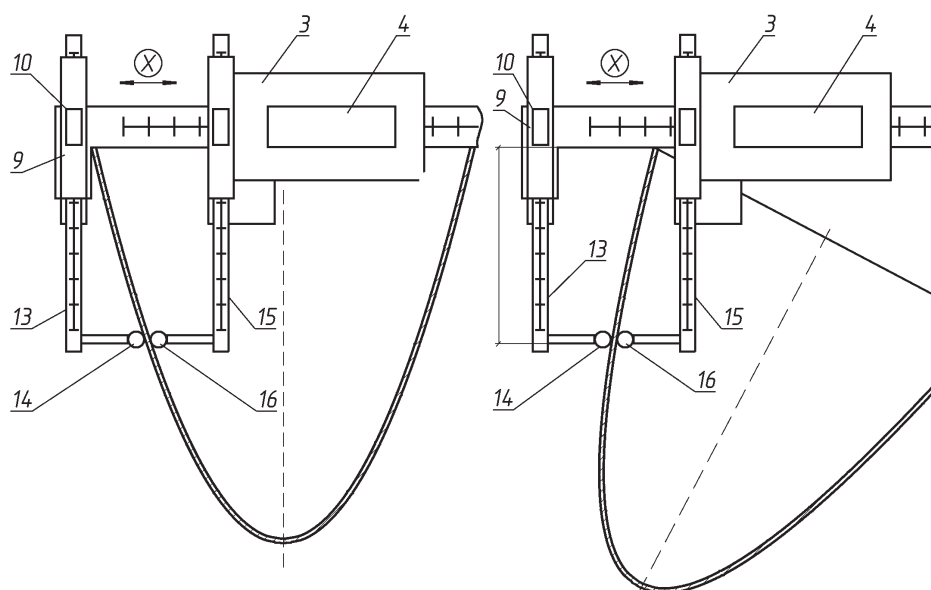


DELIVERY SET



OPTIONAL





- 2D Thickness gauge for deep and complex shapes measuring. Control Z (jaws depth) and X (depth and range) axes
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **3 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Resolution		Accuracy		2D connect	Probe connect	On-line Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge batt	Memory	Wireless	USB
	X	Z	Z	X	Z	X																
	mm	mm	mm	mm	μm	μm																
149020307	0-300	0-150	0.001	0.005	±30	±30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
149020507	0-500				±50	±30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS



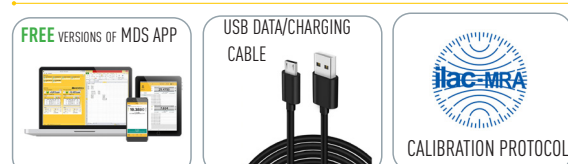
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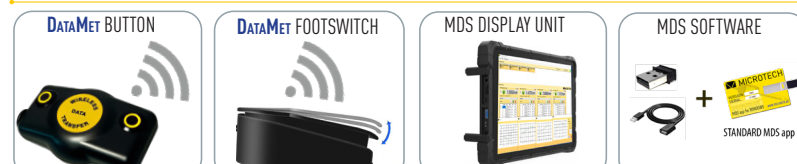
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DELIVERY SET



OPTIONAL





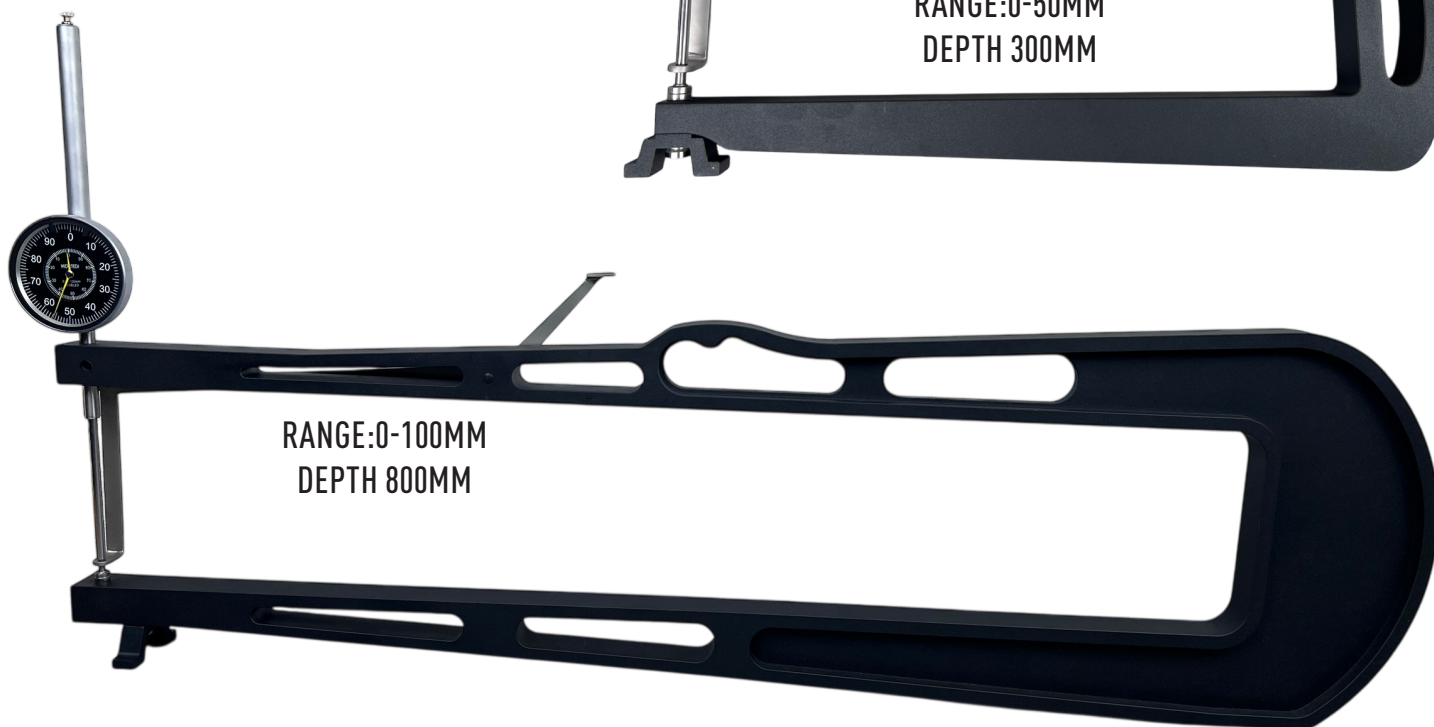
RANGE:0-30MM
DEPTH 200MM



RANGE:0-20MM
DEPTH 120MM



RANGE:0-50MM
DEPTH 300MM



RANGE:0-100MM
DEPTH 800MM

CUSTOM RANGE AND DEPTH FOR REQUEST

- Dial thickness gauge with range up to 100mm and depth up to 800mm
- Lifting device with self closing
- Optional contact point or gauge configuration for request
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Accuracy	Depth of jaws	Contact points D	Lifting device	Force	Weight
	mm	mm	μm	mm	mm		N	kg
137001021	0-1	0.001	±5	25	6,35	●	0,5-0,7	0,26
137010121	0-10		±30	120	10	●	0,7-1,3	0,34
137020121	0-20		±40	120		●	1,2-1,8	0,38
137030201	0-30		±40	200		●		0,66
137030401			±50	400		●		1,5
137050301	0-50		±60	300		●	1,8-2,3	1,5
137050451			±70	450		●		3,3
137050801			±90	800		●		4,8
137100401	0-100		±70	400		●	2,5-3,3	3,8
137100801			±100	800		●		5,4



VIDEO



DELIVERY SET



CALIBRATION PROTOCOL



PRESET
FUNCTION



CUSTOM RANGE AND DEPTH FOR REQUEST

- **CertiMet** digital MICRON thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	Lifting device	Force	Weight	Proof	mm/inch	Preset	ABS	USB DATA
	mm	mm	µm	mm	mm		N	kg					
137001028	0-1	0.001	±3	25	6,35	●	0,5-0,7	0,26	IP65	●	●	●	●
137010128	0-10		±12	120	10	●	0,7-1,3	0,34	IP65	●	●	●	●
137020128	0-20		±15	120		●	1,2-1,8	0,38	IP65	●	●	●	●
137030208	0-30		±18	200		●		0,66	IP65	●	●	●	●
137030408			±25	400		●		1,5	IP65	●	●	●	●
137050308	0-50		±25	300		●	1,8-2,3	1,5	IP65	●	●	●	●
137050458			±30	450		●		3,3	IP65	●	●	●	●
137050808			±40	800		●		4,8	IP65	●	●	●	●
137100408	0-100		±30	400		●	2,5-3,3	3,8	IP65	●	●	●	●
137100808			±55	800		●		5,4	IP65	●	●	●	●
137150408	0-150		±55	400		●	2,9-4,1	8,5	IP65	●	●	●	●
137150808			±80	800		●		10,8	IP65	●	●	●	●
137300408	150-300		±70	400		●		11,2	IP65	●	●	●	●
137300808			±95	800		●		14,6	IP65	●	●	●	●

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **CertiMet** digital MICRON CARBON thickness gauge with range up to 300mm and depth up to 800mm
- Light CARBON fiber gauge (top quality, Italian made)
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CARBON FIBER GAUGE
 ITALIAN MADE

Item No	Range	Resolution	Accuracy	Depth	Contact points D	Weight	Proof	mm/inch	Preset	ABS	USB DATA
137033208	0-30	0,001	±20	200	10	0,9	IP65	•	•	•	•
137033308			±25	300		1,2	IP65	•	•	•	•

DELIVERY SET



OPTIONAL

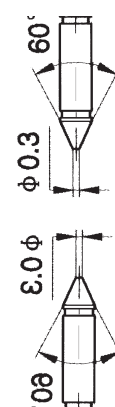
141083000 USB HID DATA
 TRANSFER CABLE 2.5M
 DIRECT DATA TRANSFER, LIKE A
 KEYBOARD



- **CertiMet** digital MICRON POINT thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PRESET FUNCTION



Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	Lifting device	Force	Weight	Proof	mm/inch	Preset	ABS	USB DATA
	mm	mm	µm	mm	mm		N	kg					
137010128P	0-10	0,001	±12	120	Point D 0.3	•	0,7-1,3	0,34	IP65	•	•	•	•
137025208P	0-25		±18	200		•	1.2-1.8	0,66	IP65	•	•	•	•
137025408P			±25	400		•		1,5	IP65	•	•	•	•
137050308P	0-50		±25	300		•	1,8-2,3	1,5	IP65	•	•	•	•
137050458P			±30	450		•		3,3	IP65	•	•	•	•
137050808P			±40	800		•		4,8	IP65	•	•	•	•
137100408P	0-100		±30	400		•	2,5-3,3	3,8	IP65	•	•	•	•
137100808P			±55	800		•		5,4	IP65	•	•	•	•
137150408P	0-150		±55	400		•	2.9-4.1	8,5	IP65	•	•	•	•
137150808P			±80	800		•		10,8	IP65	•	•	•	•
137300408P	150-300		±70	400		•		11,2	IP65	•	•	•	•
137300808P			±95	800		•		14,6	IP65	•	•	•	•

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD





PRESET
FUNCTION

1 μ m

CUSTOM RANGE AND DEPTH FOR REQUEST



HAND LAPPED DISKS
DIAMETERS 20, 30, 50MM

- **CertiMet** digital MICRON DISK thickness gauge with range up to 300mm and depth up to 800mm
- Micron Digital indicator IP65 proof with PRESET and HOLD function
- Modifications with DISK D 20, 30, 50mm (Custom Diameters for request)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Accu- racy	Depth	Contact points D	Lifting device	Force	Weight	Proof	mm/inch	Preset	ABS	USB DATA
	mm	mm	µm	mm	mm		N	kg					
THICKNESS GAUGE with DISK ANVILS 20mm													
137010128D2	0-10	0,001	±12	120	Disk D=20mm	•	0,7-1,3	0,34	IP65	•	•	•	•
137025208D2	0-25		±18	200		•	1.2-1.8	0,66	IP65	•	•	•	•
137025408D2			±25	400		•		1,5	IP65	•	•	•	•
137050308D2			±25	300		•		1,8-2,3	1,5	IP65	•	•	•
137050408D2	0-50		±30	400		•	3,3		IP65	•	•	•	•
137050808D2			±40	800		•	4,8		IP65	•	•	•	•
137100408D2			0-100	±30		400	•	2,5-3,3	3,8	IP65	•	•	•
137100808D2	±55			800		•	5,4		IP65	•	•	•	•
137150408D2	0-150			±55		400	•		2.9-4.1	8,5	IP65	•	•
137150808D2			±80	800		•	10,8	IP65		•	•	•	•
137300408D2			150-300	±70		400	•	11,2		IP65	•	•	•
137300808D2	±95			800		•	14,6	IP65		•	•	•	•
THICKNESS GAUGE with DISK ANVILS 30mm													
137025208D3	0-25	0,001	±18	200	Disk D=30mm	•	1.2-1.8	0,66	IP65	•	•	•	•
137025408D3			±25	400		•		1,5	IP65	•	•	•	•
137050308D3	0-50		±25	300		•	1,8-2,3	1,5	IP65	•	•	•	•
137050408D3			±30	400		•		3,3	IP65	•	•	•	•
137050808D3			±40	800		•		4,8	IP65	•	•	•	•
137100408D3	0-100		±30	400		•	2,5-3,3	3,8	IP65	•	•	•	•
137100808D3			±55	800		•		5,4	IP65	•	•	•	•
137150408D3	0-150		±55	400		•	2.9-4.1	8,5	IP65	•	•	•	•
137150808D3			±80	800		•		10,8	IP65	•	•	•	•
137300408D3			150-300	±70		400		•	11,2	IP65	•	•	•
137300808D3	±95			800		•		14,6	IP65	•	•	•	•
THICKNESS GAUGE with DISK ANVILS 50mm													
137025208D5	0-25	0,001	±18	200	Disk D=50mm	•	1.2-1.8	0,66	IP65	•	•	•	•
137025408D5			±25	400		•		1,5	IP65	•	•	•	•
137050308D5	0-50		±25	300		•	1,8-2,3	1,5	IP65	•	•	•	•
137050408D5			±30	400		•		3,3	IP65	•	•	•	•
137050808D5			±40	800		•		4,8	IP65	•	•	•	•
137100408D5	0-100		±30	400		•	2,5-3,3	3,8	IP65	•	•	•	•
137100808D5			±55	800		•		5,4	IP65	•	•	•	•
137150408D5	0-150		±55	400		•	2.9-4.1	8,5	IP65	•	•	•	•
137150808D5			±80	800		•		10,8	IP65	•	•	•	•
137300408D5			150-300	±70		400		•	11,2	IP65	•	•	•
137300808D5	±95			800		•		14,6	IP65	•	•	•	•

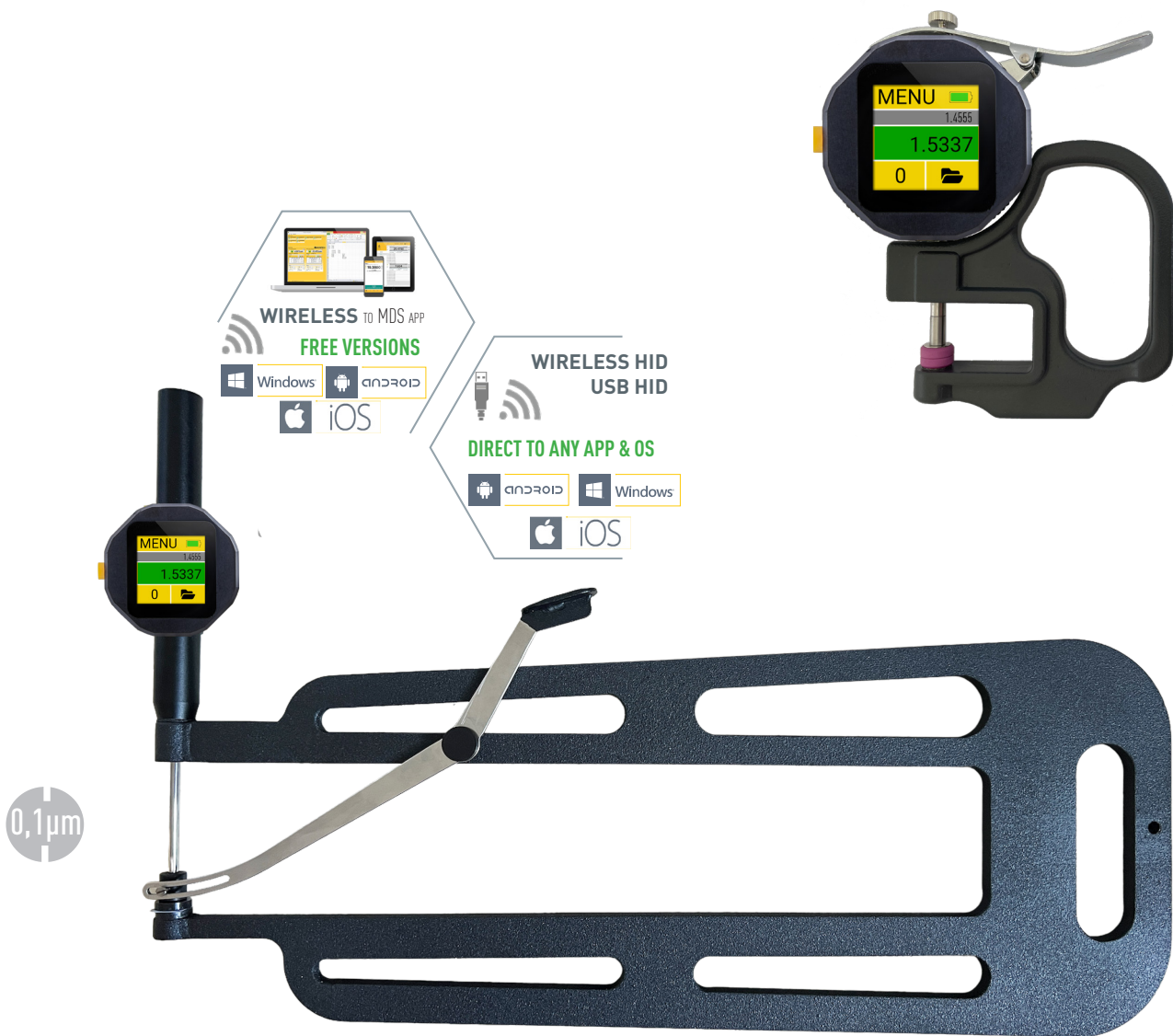
DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD





CUSTOM RANGE AND DEPTH FOR REQUEST

DATAmet FUNCTIONS



- Industry 4.0 adopted **DataMet** thickness gauge with range up to 300mm and depth up to 800mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Accu- racy	Depth	Contact points D	Lifting device	Force	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	µm	mm	mm		N	kg														
137001027	0-1	0.0001	±3	25	6,35	●	0,5-0,7	0,26	●	●	●	●	●	●	●	●	●	●	Folders / 2000 val Long range / HID USB HID / Update firmware OPTION			
137010127	0-10		±8	120	10	●	0,7-1,3	0,34	●	●	●	●	●	●	●	●	●	●				
137020127	0-20		±12	120		●	1,2-1,8	0,38	●	●	●	●	●	●	●	●	●	●				
137030207	0-30		±15	200		●		0,66	●	●	●	●	●	●	●	●	●	●				
137030407			±20	400		●		1,5	●	●	●	●	●	●	●	●	●	●				
137050307	0-50		±20	300		●	1,8-2,3	1,5	●	●	●	●	●	●	●	●	●	●		●		
137050457			±22	450		●		3,3	●	●	●	●	●	●	●	●	●	●				
137050807			±35	800		●		4,8	●	●	●	●	●	●	●	●	●	●				
137100407	0-100		±24	400		●	2,5-3,3	3,8	●	●	●	●	●	●	●	●	●	●		●		
137100807			±44	800		●		5,4	●	●	●	●	●	●	●	●	●	●				
137150407	0-150		±50	400		●	2,9-4.1	8,5	●	●	●	●	●	●	●	●	●	●		●		
137150807			±70	800		●		10,8	●	●	●	●	●	●	●	●	●	●				
137300407	150-300		±60	400		●		11,2	●	●	●	●	●	●	●	●	●	●		●		
137300807			±85	800		●		14,6	●	●	●	●	●	●	●	●	●	●		●		


DataMet
interface

CONNECTION
possibilities

VIDEO

DOWNLOAD
MDS app WINDOWS

DOWNLOAD
MDS app iOS, MacOS

DOWNLOAD
MDS app ANDROID


DELIVERY SET

FREE VERSIONS of MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app



0,1µm

CARBON FIBER GAUGE
ITALIAN MADE

DATAmet FUNCTIONS



- Industry 4.0 adopted DataMet CARBON thickness gauge
- Light CARBON fiber gauge (top quality, Italian made)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

CARBON DataMet THICKNESS GAUGE IP65

Item No	Range	Resolution	Accuracy	Depth	Contact points D	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	μm	mm	mm	kg													
137033207	0-30	0,0001	±15	200	10	0,9	•	•	•	•	•	•	•	•	•	•	•	•	•
137033407			±18	300		1,2	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS CARBON DataMet THICKNESS GAUGE IP65

Item No	Range	Resolution	Accuracy	Depth	Contact points D	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	μm	mm	mm	kg														
137033207M	0-30	0,0001	±15	200	10	0,9	•	•	•	•	•	•	•	•	•	•	•	•	•	•
137033407M			±18	300		1,2	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet interface



CONNECTION possibilities



DOWNLOAD MDS app WINDOWS



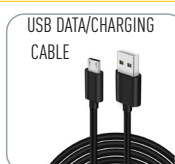
DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID



DELIVERY SET



OPTIONAL





HAND LAPPED DISKS
DIAMETERS 20, 30, 50MM

CUSTOM RANGE AND DEPTH FOR REQUEST

DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted DataMet thickness gauge with range up to 300mm and depth up to 800mm
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Modifications with DISK D 20, 30, 50mm (Custom Diameters for request)
- 4 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Accu- racy	Depth	Contact points D	Lifting device	Force	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	μm	mm	mm		N	kg									
THICKNESS GAUGE with DISK ANVILS 20mm																	
137010127D2	0-10	0,0001	±12	120	Disk D=20mm	•	0,7-1,3	0,34	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	OPTION
137025207D2	0-25		±18	200		•	1.2-1.8	0,66	•	•	•	•	•				
137025407D2			±25	400		•		1,5	•	•	•	•	•				
137050307D2	0-50		±25	300		•	1,8-2,3	1,5	•	•	•	•	•				
137050457D2			±30	450		•		3,3	•	•	•	•	•				
137050807D2	0-100		±40	800		•	2,5-3,3	4,8	•	•	•	•	•				
137100407D2			±30	400		•		3,8	•	•	•	•	•				
137100807D2	0-150		±55	800		•	2,9-4,1	5,4	•	•	•	•	•				
137150407D2			±55	400		•		8,5	•	•	•	•	•				
137150807D2	150-300		±80	800		•		10,8	•	•	•	•	•				
137300407D2			±70	400		•		11,2	•	•	•	•	•				
137300807D2			±95	800		•		14,6	•	•	•	•	•				
THICKNESS GAUGE with DISK ANVILS 30mm																	
137025207D3	0-25	0,0001	±18	200	Disk D=30mm	•	1.2-1.8	0,66	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	OPTION
137025407D3	0-50		±25	400		•	1,8-2,3	1,5	•	•	•	•	•				
137050307D3			±25	300		•		1,5	•	•	•	•	•				
137050457D3	0-100		±30	450		•	2,5-3,3	3,3	•	•	•	•	•				
137050807D3			±40	800		•		4,8	•	•	•	•	•				
137100407D3	0-150		±30	400		•	2,9-4,1	3,8	•	•	•	•	•				
137100807D3			±55	800		•		5,4	•	•	•	•	•				
137150407D3	150-300		±55	400		•		8,5	•	•	•	•	•				
137150807D3			±80	800		•		10,8	•	•	•	•	•				
137300407D3			±70	400		•		11,2	•	•	•	•	•				
137300807D3			±95	800		•		14,6	•	•	•	•	•				
THICKNESS GAUGE with DISK ANVILS 50mm																	
137025207D5	0-25	0,0001	±18	200	Disk D=50mm	•	1.2-1.8	0,66	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	OPTION
137025407D5	0-50		±25	400		•	1,8-2,3	1,5	•	•	•	•	•				
137050307D5			±25	300		•		1,5	•	•	•	•	•				
137050457D5	0-100		±30	450		•	2,5-3,3	3,3	•	•	•	•	•				
137050807D5			±40	800		•		4,8	•	•	•	•	•				
137100407D5	0-150		±30	400		•	2,9-4,1	3,8	•	•	•	•	•				
137100807D5			±55	800		•		5,4	•	•	•	•	•				
137150407D5	150-300		±55	400		•		8,5	•	•	•	•	•				
137150807D5			±80	800		•		10,8	•	•	•	•	•				
137300407D5			±70	400		•		11,2	•	•	•	•	•				
137300807D5			±95	800		•		14,6	•	•	•	•	•				



VIDEO



CONNECTION possibilities



DataMet interface



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

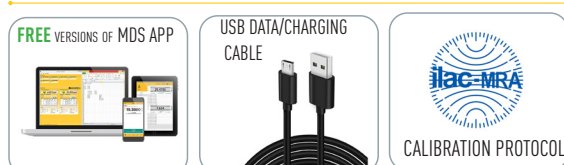
macOS iOS



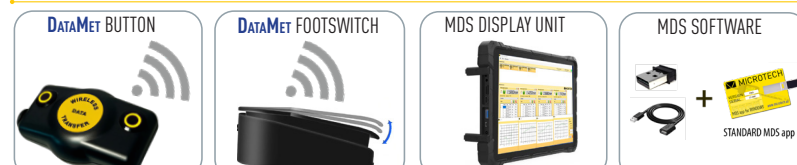
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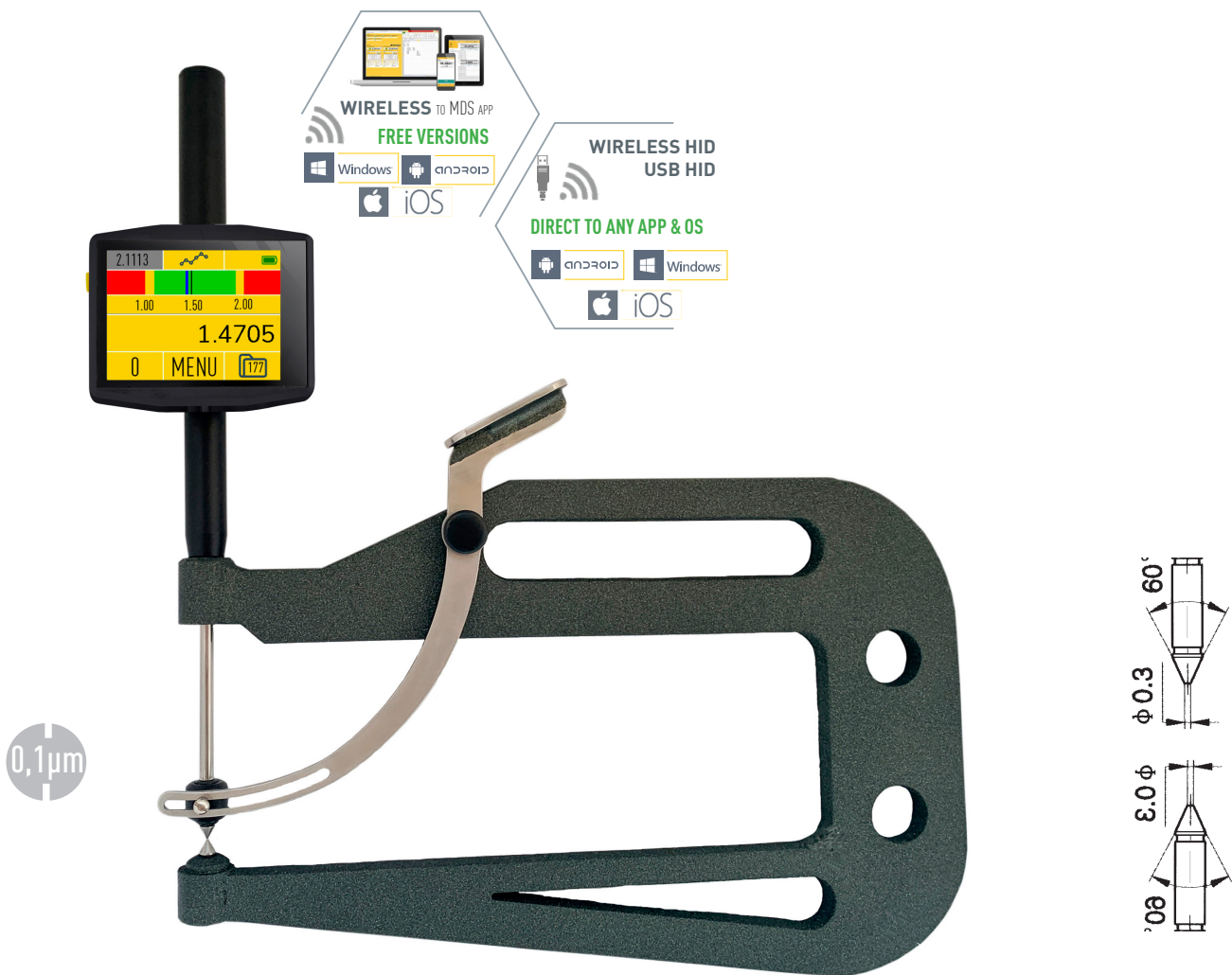
android

DELIVERY SET



OPTIONAL





DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** thickness gauge with range up to 300mm and depth up to 800mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- Optional contact point or gauge configuration for request
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **OPTIONAL MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Accuracy	Depth	Contact points D	Lifting device	Force	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Memory	WIRELESS	USB
	mm	mm	μm	mm	mm		N	kg								
137010127P	0-10	0,0001	±12	120	Point D 0.3	●	0,7-1,3	0,34	●	●	●	●	●	Folders / 2000 val	Long range / HID	USB HID / Update firmware
137025207P	0-25		±18	200		●	1.2-1.8	0,66	●	●	●	●	●			
137025407P			±25	400		●		1,5	●	●	●	●	●			
137050307P	0-50		±25	300		●	1,8-2,3	1,5	●	●	●	●	●			
137050457P			±30	450		●		3,3	●	●	●	●	●			
137050807P			±40	800		●		4,8	●	●	●	●	●			
137100407P	0-100		±30	400		●	2,5-3,3	3,8	●	●	●	●	●			
137100807P			±55	800		●		5,4	●	●	●	●	●			
137150407P	0-150		±55	400		●	2.9-4.1	8,5	●	●	●	●	●			
137150807P			±80	800		●		10,8	●	●	●	●	●			
137300407P	150-300		±70	400		●		11,2	●	●	●	●	●			
137300807P			±95	800		●		14,6	●	●	●	●	●			



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

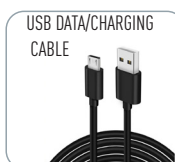
macOS
iOS



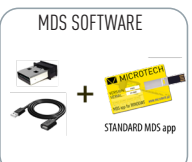
DOWNLOAD
MDS app ANDROID

android

DELIVERY SET



OPTIONAL



- Digital thickness gauge for soft materials
- Micron Digital indicator IP65 proof with PRESET function
- Optional contact point or gauge configuration for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface		Force	
			mm	mm	mm	mm	mm	mm	cm ²	N	kPa
137331201	ASTM D1777-1	woven fabrics knitted fabrics	0-10	0,001	50	0,02	D38	D28,7	6,466	2,68±0,13	4,14±0,21
137331202	ASTM D1777-2	coated fabrics, narrow fabrics, webbing tapes, ribbons braids				0,015	D38	D9,5	0,7085	1,66±0,05	23,4±0,7
137331203	ASTM D1777-3	films, glass cloths, glass tapes.				0,002/0,012	D19	D6,3	0,3117	5,36±0,42	172±14
137331204	ASTM 3767-03-B	rubber 30-100mm				0,007	40x30	40x30	12	8±2	6,7
137331205	ASTM D3767-A1	rubber				0,01/ 1%	R12,5	R12,5 D10		0,8±0,1	
137331206	DIN 53370-F	plastic films				2% / 0,12	D10	D10	0,785	3,93	50
137331207	DIN 53370-P	foil				0,01-0,015	D10	R30 D5		0,5	
137331208	DIN EN 1849-2	waterproofing sheet flexible sheets				0,01	D10	D10	0,785	1,57	20±10
137331209	ISO 3034	corrugated fiberboard				0,02	D35,7	D35,7	10	20±0,5	20±0,5
137331210	ISO 4593-R	plastic, film and sheeting				0,001 / 0,002/	D10	R30/D5		0,5	
137331211	ISO 4593-P	plastic, film and sheeting				0,003/ 0,012	D10	D10	0,785	1	12,74
137331212	ISO 23529-A	rubber & elastomer				1% 0,01	D100	D10	0,785	0,8±0,16	10±2
137331213	ASTM D3767-03-A ISO 23529-A ASTM D3767-03-A	<35IRHD rubber & elastomer >35IRHD						D10	0,785	1,76±0,35	22±5

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- Industry 4.0 adopted **DataMet** thickness gauge for soft materials
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



ISO 5084-0

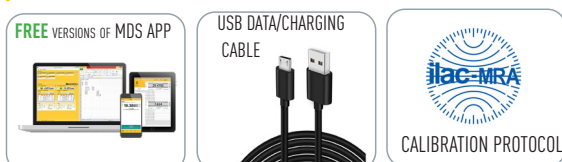
TIMER FUNCTION

CUSTOM RANGE AND DEPTH FOR REQUEST



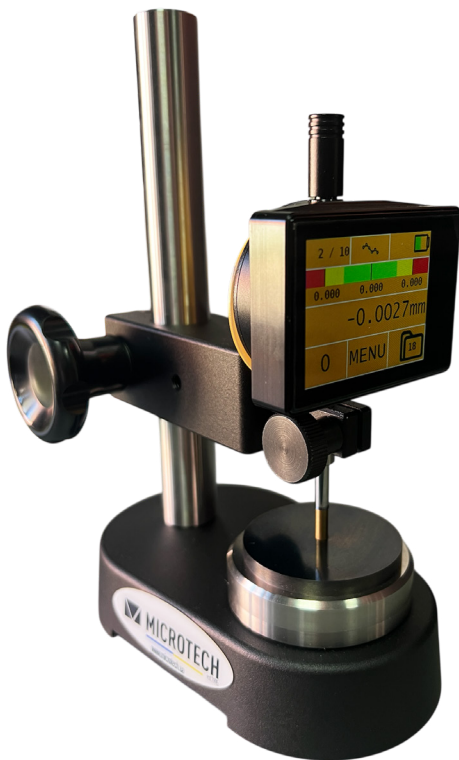
Item No	Standard	Material	Range	Resol.	Depth	Accuracy	Base	Measuring surface		Force		Timer auto
			mm	mm	mm	mm	mm	mm	cm ²	N	kPA	sec.
137331231	ASTM D5199-01-B	geomembranes	0-10	0,0001	50	0,02	D6,35	D6,35	0,3167	0,633±0,006	20±0,2	5
137331232	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials				0,02	D76,4	D56,4	25	5±0,05	2±0,02	5
137331233	ISO 2286-3	rubber, plastic coated fabrics				0,02	D60	D10	0,785	1,88±1,9	24±2,4	30
137331234	ISO 2589	leather				0,015	D16 / D50	D10	0,785	3,85±0,1	49,1	5
137331235	ISO 5084-0	textiles				0,01-0,02	D100	D50,5	20	2±0,02	1±0,01	30
137331236	ISO 5084-A3	textiles				0,01-0,02	D100	D50,5	20	5±0,05	1±0,01	30
137331237	ISO 9863-1-C	polymeric and bituminous geosynthetic barriers				0,02	D56,4	D56,4	25	50±0,5	20±02	5
137331238	ISO 9863-1	polymeric and bituminous geosynthetic of non-inifrom thickness				0,015	R 1	R 1	25	0,6±0,1		5

DELIVERY SET



OPTIONAL





TIMER FUNCTION

CUSTOM RANGE AND DEPTH FOR REQUEST



ISO 534

0,1µm



DATAmet FUNCTIONS

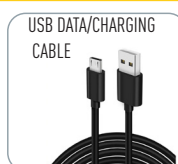
COLOR GO / NOGO TIMER 0.000 sec RESET TIMER	COLOR MAX / MIN / RANGE Formula Ax^2+Bx+C Set Argv FORMULA Ax^2+Bx+C	stat All Mode 1: 12.009 2: 36.646 3: 29.090 4: 23.070 5: 56.624 DISPLAY & ENERGY Angle 270 Sleep OFF Touch OFF	statistics MAX: 59.9510 MIN: 6.0090 AVG: 21.1826 D: 204.9000 RESOLUTION, mm/inch Resolution X.000 mm Normal	Temp.com. Glass, Qartz, Mo 20.00 c° RES TEMPERATURE COMPENSATION MDS MODE Ultra Power CLEAR WIRELESS to MDS app	MICROTECH MICRON CALIPER FW: 4.5.3 Op time: 0h Calibration 1.1.2025 MAC: F7:5B:B8:C0:95:88 MANUAL DEVICE INFO, UPDATE HID MODE AD:FE TA M:A:C t Arr dow Eco Power CLEAR WIRELESS & USB HID
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- Industry 4.0 adopted **DataMet** thickness stands for soft materials on STEEL base
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

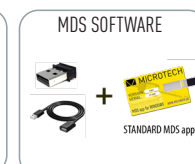
Item No	Standard	Material	Range	Resol.	Accuracy	Base	Measuring surface		Force		Timer auto
			mm	mm	mm	mm	mm	cm ²	N	kPa	sec.
137331251	ASTM D1777-1 ASTM D1777-5	woven fabrics knitted fabrics	0-25	0,0001	0,015	D58	D28,7±0,02	6,47	2,68±0,13 0,45±0,05	4,14 0,7	
137331252	ASTM D1777-2	coated fabrics, narrow fabrics, webbing tapes, ribbons braids	0-25		0,012	D58	D9,5±0,02	0,7085	1,66±0,05	23,4±0,7	
137331253	ASTM D1777-3	films, glass cloths, glass tapes.	0-25		0,002-0,01	D58	D6,3	0,312	5,36±0,42	172±14	
137331255	ASTM D3767-03-A1	rubber	0-25		1% 0,01	R1 D58	R12,5 D10		0,8±0,1	1%	
137331258	ASTM D5199-01-B	geomembranes	0-25		0,012	D58	D6,35	0,3167	0,633±0,006	20±0,2	5
137331260	DIN EN 1849-2	waterproofing sheet flexible sheets	0-25		1% / 0,01	D58	D10	0,785	1,57±0,785	20±10	
137331261	DIN 53370-P	foil	0-25		0,002-0,012	D58	R30 D5		0,5		
137331262	DIN 53370-F	plastic films	0-25		0,0002-0,012	D58	D10	0,785	3,93	50	
137331265	ISO 534	paper, cardboard	0-25		0,5% / 0,0025/ 0,015	D58	D16	2	20±2	100±10	
137331267	ISO 2589	leather	0-25		0,01	D16 / D50	D10±0,05	0,785	3,85±0,1	49,1	5
137331268	ISO 3034	corrugated fiberboard	0-25		0,02	D35,7	D35,7	10	20±0,5	20±0,5	
137331269	ISO 4593-P	plastic, film and sheeting	0-25		0,001-0,003	D58	D10	0,785	1	12,74	
137331270	ISO 4594-R	plastic, film and sheeting	0-25		0,001-0,15	D58	R30 /D5		0,5±0,025		
137331275	ISO 9863-1-D	polymeric and bituminous geosynthetic of non-inifrom thickness	0-25		0,003-0,01	R 1 D58	R 1		0,6±0,1		5

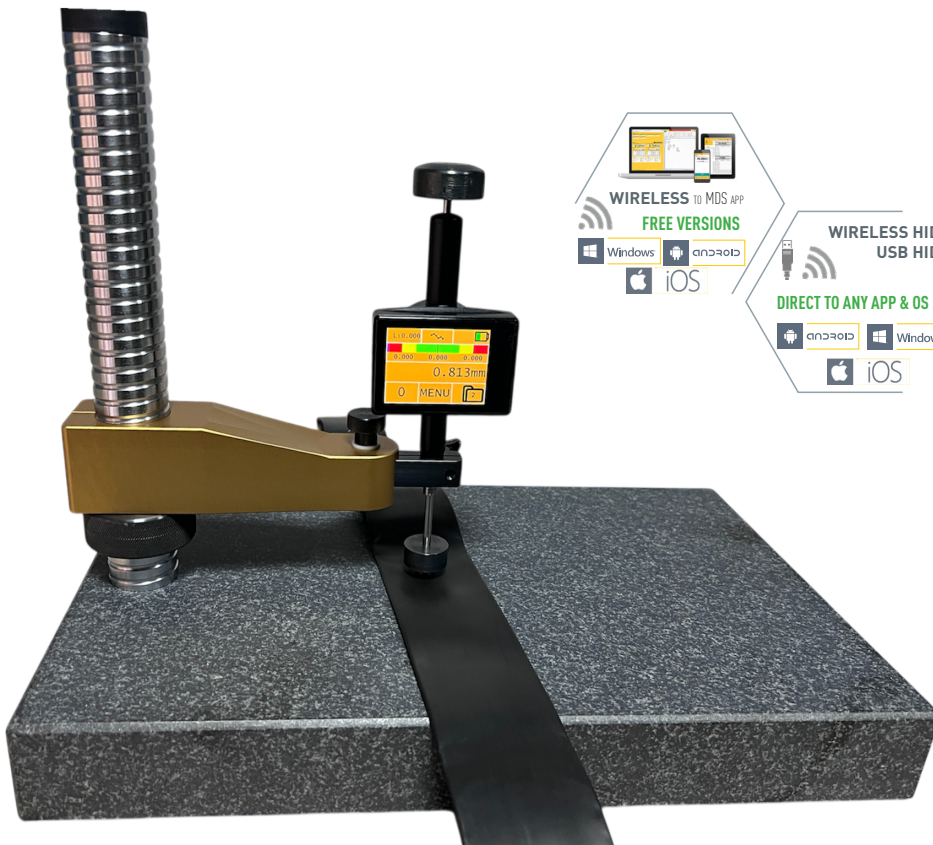


DELIVERY SET



OPTIONAL





ASTM D3767-03-A
ISO 23529-A

0,1µm

TIMER FUNCTION

CUSTOM RANGE AND DEPTH FOR REQUEST



ISO 9073-2

DATAmet FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
TIMER	FORMULA Ax^2+Bx+C	DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

- Industry 4.0 adopted **DataMet** thickness stands for soft materials on GRANITE base
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Standard	Material	Range	Resol.	Accuracy	Base	Measuring surface		Force		Timer auto
			mm	mm	mm	mm	mm	cm ²	N	kPa	sec.
137331254	ASTM D1777-4	glass fiber mat	0-25	0,0001	0,02	150x100	D57,15±0,02	25,65	48,48±1,8	18,9±0,7	
137331256	ASTM D3767-03-A ISO 23529-A	rubber & elastomer <35IRHD	0-25		0,01 /1%	300x200	D10	0,785	0,8±0,16	10±2	
137331257	ASTM D5199-01-A	geotextiles, geonets, geocomposite drainage materials	0-25		0,012	150x100	D56,4	25	5±0,05	2±0,02	5
137331263	DIN 53855-1	compression of textile	0-50		0,01-0,02	300x200	D35,69 D56,34	10 25	0,49 / 2,45 1,23/ 6,13	0,51 / 2,55	60
137331264	EN 964-1	geotextiles	0-25		0,01-0,015	150x100	D56,42	25	5±0,04 50±0,4 500±4	2±0,02 20±0,2 200±2	30
137331266	ISO 2286-3	rubber, plastic coated fabrics	0-25		0,01	150x100	D10	0,785	0,393±0,039 0,785±0,079 1,88±0,19	5±0,5 10±1 24±2,4	30
137331271	ISO 5084-0	textiles	0-25		0,01-0,02	150x100	D50,5	20	2±0,02	1±0,01	30
137331272	ISO 5084-A2	textiles	0-25		0,01-0,025	300x200	D112,84	100	10±0,1	1±0,01	30
137331273	ISO 9073-2	textiles, normal nonwovens	0-25		0,025	300x200	D56,42	25	0,25 1,25	0,1 0,5	10
137331274	ISO 9073-2	textiles for bulky nonwovens > 20mm	0-150		0,05	400x250	200x200	400	0,8±0,02	0,02	10
137331276	ISO 9863-1-ABC	polymeric and bituminous geosynthetic barriers	0-25		0,01-0,015	150x100	D56,4	25	5±0,05 50±0,5 500±5	2±0,02 20±0,2 200±2	5



DataMet
interface



CONNECTION
possibilities



DOWNLOAD
MDS app WINDOWS



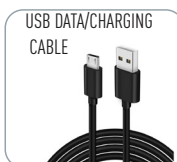
DOWNLOAD
MDS app iOS, MacOS



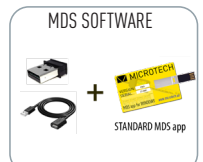
DOWNLOAD
MDS app ANDROID



DELIVERY SET



OPTIONAL



DataMet MULTIFUNCTIONAL
ROUND 1.8" TOUCHSCREEN DISPLAY



SWISS
READING
SYSTEM



Form A CONE R 0,5 R 0.75

ADJUSTABLE SCALES



ANALOG



COMPARATOR

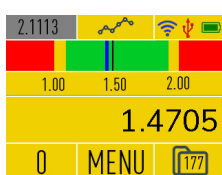


DIGITAL

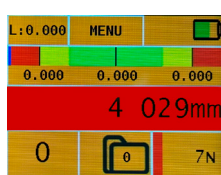


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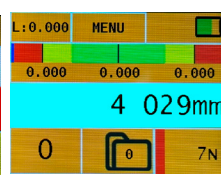
DataMet FUNCTIONS



ANALOG SCALE



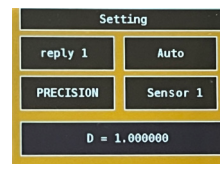
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



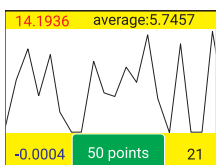
TIMER



TOUCH PROBE SETTINGS



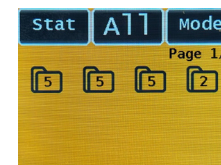
FORMULA Ax^2+Bx+C



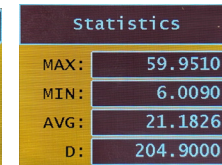
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



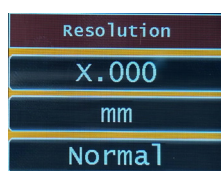
TEMPERATURE COMPENSATION



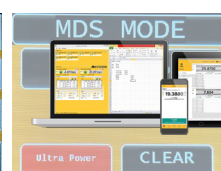
PASSWORD



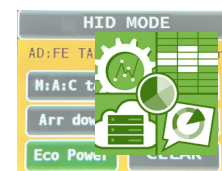
DISPLAY & ENERGY



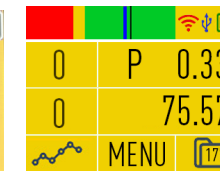
RESOLUTION, mm/inch



WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** External caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- Contacts: CONE (R0.5/R0.75)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

EXTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	mm	mm	mm	µm													
134201007	0-10	10	40	3	8	Cone R 0,5	0,0005	0,003	±10	•	•	•	•	•	•	•	•	•	•	•	•	•
134202007	0-20	20	80	6,5	25	Cone R 0,75	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	•
134204007	20-40	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	•
134206007	40-60	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS EXTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	mm	mm	mm	mm	mm	mm	µm																
134201007M	0-10	10	40	3	8	Cone R 0,5	0,0005	0,003	±10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
134202007M	0-20	20	80	6,5	25	Cone R 0,75	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
134204007M	20-40	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
134206007M	40-60	20	80	6,5	25			0,005	±15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

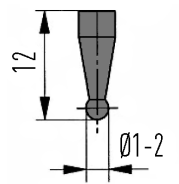
DELIVERY SET



OPTIONAL



DATAmet MULTIFUNCTIONAL
ROUND 1.8" TOUCHSCREEN DISPLAY



Form D BALL Ø 2

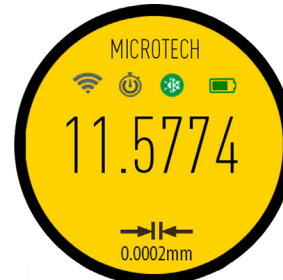
ADJUSTABLE SCALES



ANALOG



COMPARATOR



DIGITAL



DIGITAL BLACK

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** External caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- Contacts: BALL (Ø2)
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request
- Calibration certificate included (ISO17025 (Ilac MRA))

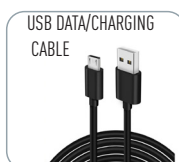
EXTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	mm	mm	mm	µm													
134202047	0-20	20	85		25	Ball Ø 2	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	Folders / Long range USB HID /	WIRELESS	USB
134205547	0-50	50	167		30			0,005	±30	•	•	•	•	•	•	•	•	•	•			
134209947	0-100	100	382		35			0,005	±50	•	•	•	•	•	•	•	•	•	•			

MODBUS EXTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	mm	mm	mm	mm	mm	mm	µm																
134202047M	0-20	20	85		25	Ball Ø 2	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	Folders / Long range USB HID /	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
13420557M	0-50	50	167		30			0,005	±30	•	•	•	•	•	•	•	•	•	•				MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
134209947M	0-100	100	382		35			0,005	±50	•	•	•	•	•	•	•	•	•	•				MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP

DELIVERY SET



OPTIONAL



DataMet MULTIFUNCTIONAL
ROUND 1.8" TOUCHSCREEN DISPLAY



Form A CONE R 0,3, R 0.5



ADJUSTABLE SCALES



ANALOG



COMPARATOR



DIGITAL



DIGITAL BLACK

DataMet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** Internal caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- **Contacts:** CONE (R0.3/R0.5)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

INTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso- lution	Repea- tability	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	mm	mm	mm	µm													
134102507	5-25	20	35	1	1,5	Cone R 0,3	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	Folders / Long range	USB HID / USB HID	
134104007	20-40	20	80	3	6,5	Cone R 0,5		0,005	±15	•	•	•	•	•	•	•	•	•	•			•
134106007	40-60	20	80	3	8,5			0,005	±15	•	•	•	•	•	•	•	•	•	•			•

MODBUS INTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Reso- lution	Repea- tability	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	mm	mm	mm	mm	mm	mm	µm																
134102507M	5-25	20	35	1	1,5	Cone R 0,3	0,001	0,005	±15	•	•	•	•	•	•	•	•	•	•	Folders / Long range	USB HID /	•	•	option	
134104007M	20-40	20	80	3	6,5	Cone R 0,5		0,005	±15	•	•	•	•	•	•	•	•	•	•			•	•	•	option
134106007M	40-60	20	80	3	8,5			0,005	±15	•	•	•	•	•	•	•	•	•	•			•	•	•	•

DELIVERY SET







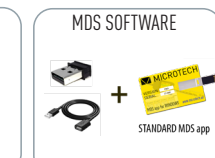


OPTIONAL



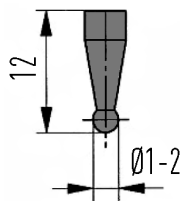
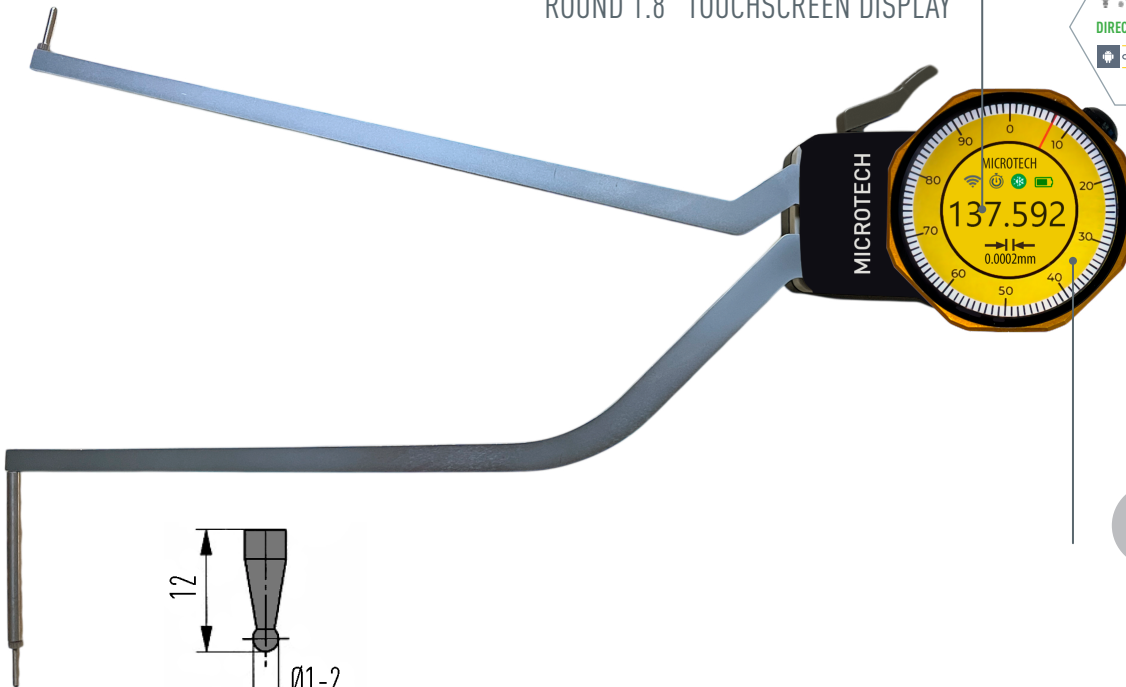








DataMet MULTIFUNCTIONAL
ROUND 1.8" TOUCHSCREEN DISPLAY



Form D BALL Ø 1 , Ø 2

ADJUSTABLE SCALES



ANALOG



COMPARATOR



DIGITAL



DIGITAL BLACK

DataMet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** Internal caliper gauge with computerized MICS system with hi-res Round 1,8" color Touchscreen
- **Contacts:** BALL (Ø2)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 50000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- Calibration certificate included (ISO17025 (Ilac MRA))

INTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	mm	mm	mm	mm	µm													
134101547	5-15	10	35	0,8	2,3	Ball Ø 2	0,001	0,005	±10	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update		
134103047	10-30	20	85	1,2	5,2			0,005	±20	•	•	•	•	•	•	•	•	•	•			
134105047	30-50	20	85	2	7,2			0,005	±25	•	•	•	•	•	•	•	•	•	•			
134110047	50-100	50	235	2	11,7			0,02	±40	•	•	•	•	•	•	•	•	•	•			
134115047	100-150	50	235	2	11,7			0,02	±50	•	•	•	•	•	•	•	•	•	•			
134120047	150-200	50	235	2	11,7			0,02	±50	•	•	•	•	•	•	•	•	•	•			

MODBUS INTERNAL DataMet CALIPER GAUGE

Item No	Range	Span	Depth	Groove depth	Measur contact	Contact points	Resolution	Repeatability	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	mm	mm	mm	mm	mm	mm	µm																
134101547M	5-15	10	35	0,8	2,3	Ball Ø 2	0,001	0,005	±10	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update			•	option	option
134103047M	10-30	20	85	1,2	5,2			0,005	±20	•	•	•	•	•	•	•	•	•	•						
134105047M	30-50	20	85	2	7,2			0,005	±25	•	•	•	•	•	•	•	•	•	•						
134110047M	50-100	50	235	2	11,7			0,02	±40	•	•	•	•	•	•	•	•	•	•						
134115047M	100-150	50	235	2	11,7			0,02	±50	•	•	•	•	•	•	•	•	•	•						
134120047M	150-200	50	235	2	11,7			0,02	±50	•	•	•	•	•	•	•	•	•	•						

DELIVERY SET



OPTIONAL



- Industry 4.0 adopted DataMet 2-point and 3-point internal micrometer with computerized MICS system (1,54" color Touchscreen)
- Min Resolution 0.0001mm (0,0001/0,001/0,01/0,1mm selection)
- Setting ring included up to 250mm range
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 1000 values, Statistics mode, Memory data transfer
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY



0,1µm



2-POINT IN RANGE 2-6MM

UP TO 1000 MM RANGE



DATAmet FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
TIMER	FORMULA Ax^2+Bx+C	DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

Item No	Range		Reso- lution	Accur.	Max depth	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm													
133700210	2-2,5	0.08-0.09"	0,0001	±3	12.5	•	•	•	•	•	•	•	•	•	•	•	•	•
133700310	2,5-3	0.09-0.12"		±3	12.5	•	•	•	•	•	•	•	•	•	•	•	•	•
133700410	3-4	0.12-0.16"		±3	22.5	•	•	•	•	•	•	•	•	•	•	•	•	•
133700510	4-5	0.16-0.20"		±3	22.5	•	•	•	•	•	•	•	•	•	•	•	•	•
133700610	5-6	0.20-0.24"		±4	22.5	•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet 3 POINT INTERNAL MICROMETER

Item No	Range		Reso- lution	Accur.	Max depth	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm													
133700810	6-8	0.24-0.32"	0,0001	±4	154	•	•	•	•	•	•	•	•	•	•	•	•	•
133701010	8-10	0.32-0.4"		±4	154	•	•	•	•	•	•	•	•	•	•	•	•	•
133701210	10-12	0.4-0.5"		±4	154	•	•	•	•	•	•	•	•	•	•	•	•	•
133701610	12-16	0.5-0.63"		±4	230	•	•	•	•	•	•	•	•	•	•	•	•	•
133702010	16-20	0.63-0.8"		±4	230	•	•	•	•	•	•	•	•	•	•	•	•	•
133702510	20-25	0.8-1"		±4	240	•	•	•	•	•	•	•	•	•	•	•	•	•
133703010	25-30	1-1.2"		±4	240	•	•	•	•	•	•	•	•	•	•	•	•	•
133704010	30-40	1.2-1.6"		±4	240	•	•	•	•	•	•	•	•	•	•	•	•	•
133705010	40-50	1.6-2"		±4	240	•	•	•	•	•	•	•	•	•	•	•	•	•
133707010	50-70	2-3"		±4	250	•	•	•	•	•	•	•	•	•	•	•	•	•
133710010	70-100	3-4"		±4	250	•	•	•	•	•	•	•	•	•	•	•	•	•
133715010	100-150	4-6"		±4	250	•	•	•	•	•	•	•	•	•	•	•	•	•
133725010	150-250	6-10"		±5	250	•	•	•	•	•	•	•	•	•	•	•	•	•
133730010	200-300	8-12"		±6	250	•	•	•	•	•	•	•	•	•	•	•	•	•
133750010	200-500	8-20"		±8	650	option	•	•	•	•	•	•	•	•	•	•	•	•
133790011	200-1000	8-40"		±10	1150	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet INTERNAL MICROMETER SET

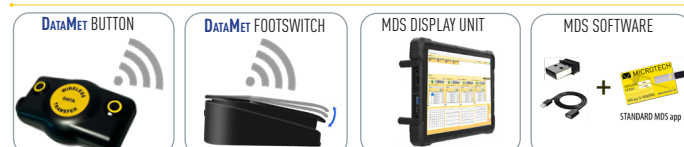
Item No	Range	Type	Measuring heads	Setting rings	Max depth
	mm				mm
133700203	2-3	2-point	2 pcs	1pcs	12,5
133370306	3-6		3 pcs	3pcs	22,5
133370612	6-12		3 pcs	3pcs	50+100
133371220	12-20	3-point	2pcs	1pcs	80+150
133372050	20-50		4pcs	2pcs	90+150
133375090	50-100		2pcs	1pcs	107+150
133579125	100-250		2pcs	1pcs	107+150



DELIVERY SET



OPTIONAL



- Industry 4.0 adopted DataMet 2-point and 3-point internal micrometer with computerized MICS system (1,54" color Touchscreen)
- Min Resolution 0.0001mm (0,0001/0,001/0,01/0,1mm selection)
- Extended depth up to 3m (120 inch)
- Setting ring included up to 250mm range
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

0,1µm

UP TO 3M DEPTH



BIG DEPTH INTERNAL MICROMETERS SET's

DATAmet FUNCTIONS

COLOR GO / NOGO TIMER 0.000 sec RESET TIMER	COLOR MAX / MIN / RANGE Formula Ax^2+Bx+C Set Argv FORMULA Ax^2+Bx+C	stat All Mode 1: 12.009 2: 36.646 3: 29.090 4: 23.070 5: 56.624 DISPLAY & ENERGY Angle 270 Sleep OFF Touch OFF	Statistics MAX: 59.9510 MIN: 6.0090 AVG: 21.1826 D: 204.9000 RESOLUTION, mm/inch X.000 mm Normal	Temp.com. Glass, Quartz, Mo 20.00 C° RES TEMPERATURE COMPENSATION MDS MODE Ultra Power CLEAR WIRELESS to MDS app	MICROTECH MICRON CALIPER FW: 4.5.3 Op time: 0h Calibration 1.1.2025 MAC: F7:5B:B8:C0:95:88 MANUAL DEVICE INFO, UPDATE HID MODE AD:FE TA N:A:C t Arr dov Eco Power WIRELESS & USB HID
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Item No	Range		Reso- lution	Accur.	Max depth	Setting ring	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB					
	mm	inch																	mm	µm	mm		
133702511	20-25	0.8-1"	0,0001	±4	1000	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID / Update							
133702512				±6	2000	•	•	•	•	•	•	•	•	•	•				•	•			
133703011	25-30	1-1.2"		±4	1000	•	•	•	•	•	•	•	•	•	•								
133703012				±6	2000	•	•	•	•	•	•	•	•	•	•				•				
133704011	30-40	1.2-1.6"		±4	1000	•	•	•	•	•	•	•	•	•	•								
133704012				±6	2000	•	•	•	•	•	•	•	•	•	•				•				
133705011	40-50	1.6-2"		±4	1000	•	•	•	•	•	•	•	•	•	•				•				
133705012				±6	2000	•	•	•	•	•	•	•	•	•	•				•	•			
133707011	50-70	2-3"		±4	1000	•	•	•	•	•	•	•	•	•	•				•	•			
133707012				±6	2000	•	•	•	•	•	•	•	•	•	•				•	•	•		
133707013				±8	3000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133710011	70-100	3-4"		±4	1000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133710012				±6	2000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133710013				±8	3000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•
133715011	100-150	4-6"		±4	1000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133715012				±6	2000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133715013				±8	3000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•
133725011	150-250	6-10"		±5	1000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133725012				±7	2000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	
133725013				±9	3000	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•
133730011	200-300	8-12"		±6	1000	option	•	•	•	•	•	•	•	•	•				•	•	•	•	
133730012				±8	2000		•	•	•	•	•	•	•	•	•				•	•	•	•	•
133730013				±9	3000		•	•	•	•	•	•	•	•	•				•	•	•	•	•
133790012	200-1000	8-40"		±11	2000		•	•	•	•	•	•	•	•	•				•	•	•	•	
133790013				±14	3000		•	•	•	•	•	•	•	•	•				•	•	•	•	•

BIG DEPTH DataMet 3 POINT INTERNAL MICROMETER SET

Item No	Range	Measuring heads	Setting rings	Max depth
	mm			mm
133372051	20-50	4pcs	2pcs	1000
133372052				2000
133375091				1000
133375092	50-100	2pcs	1pcs	2000
133375093				3000
133579126	100-250	2pcs	1pcs	1000
133579127				2000
133579128				3000



DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

ilac-MRA
CALIBRATION PROTOCOL

SETTING RING

OPTIONAL

DataMet BUTTON

DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE
STANDARD MDS app

DOWNLOAD
MDS app WINDOWS

DOWNLOAD
MDS app iOS, MacOS

DOWNLOAD
MDS app ANDROID



PRESET
FUNCTION

- **CertiMet** Micron digital Pistol grip bore gauge
- PRESET, mm/inch, HOLD function
- USB data transfer
- CR2032 3V battery
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CERTiMet DIGITAL PISTOL GRIP BORE GAUGE

Item No	Range		Resol.	Accur.	Setting rings	Max depth	Preset	mm/inch	HOLD	USB
	mm	inch	mm	µm		mm				
133500800	6-8	0.25-0.32"	0,001	±4	•	50+100	•	•	•	USB HID
133501000	8-10	0.32-0.4"		±4	•	50+100	•	•	•	
133501200	10-12	0.4-0.5"		±4	•	50+100	•	•	•	
133501600	12-16	0.5-0.63"		±4	•	65+150	•	•	•	
133502000	16-20	0.63-0.8"		±4	•	65+150	•	•	•	
133502500	20-25	0.8"-1"		±4	•	91+150	•	•	•	
135303000	25-30	1-1.2"		±4	•	91+150	•	•	•	
133504000	30-40	1.2-1.6"		±4	•	97+150	•	•	•	
133505000	40-50	1.6-2"		±5	•	97+150	•	•	•	
133506300	50-63	2-2.5"		±5	•	112+150	•	•	•	
133507500	62-75	2.5-3"		±5	•	112+150	•	•	•	
133508800	75-88	3-3.5"		±5	•	112+150	•	•	•	
133510000	87-100	3.5-4"		±5	•	112+150	•	•	•	
133512500	100-125	4-5"		±5	option	130+150	•	•	•	
133515000	125-150	5-6"		±5		130+150	•	•	•	
133517500	150-175	6-7"		±5		130+150	•	•	•	

CERTiMet DIGITAL PISTOL GRIP BORE GAUGE SET

Item No	Range		Measuring heads	Setting rings	Max depth
	mm	inch			mm
133570613	6-12	0.25-0.5"	3pcs	3pcs	50+100
133571221	12-20	0.5-0.8"	2pcs	1pcs	65+150
133572051	20-50	0.8-2"	4pcs	2pcs	91+150
133575091	50-100	2-4"	4pcs	2pcs	65+150
133579131	6-150	0.25-6"	15pcs	up to 100mm	

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD





DATA MET FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
TIMER	Formula	Display	Resolution	MDS MODE	HID MODE
TIMER	FORMULA Ax^2+Bx+C	DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

- Industry 4.0 adopted **DataMet** Pistol grip bore gauge with computerized MICS system
- Functions: Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet PISTOL GRIP BORE GAUGE

Item No	Range		Resol.	Accur.	Setting rings	Max depth	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm		mm												
133500810	6-8	0.25-0.32"	0,0001	±3	•	50+100	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133501010	8-10	0.32-0.4"		±3	•	50+100	•	•	•	•	•	•	•	•	•			
133501210	10-12	0.4-0.5"		±3	•	50+100	•	•	•	•	•	•	•	•	•			
133501610	12-16	0.5-0.63"		±3	•	65+150	•	•	•	•	•	•	•	•	•			
133502010	16-20	0.63-0.8"		±3	•	65+150	•	•	•	•	•	•	•	•	•			
133502510	20-25	0.8"-1"		±3	•	91+150	•	•	•	•	•	•	•	•	•			
135303010	25-30	1-1.2"		±3	•	91+150	•	•	•	•	•	•	•	•	•			
133504010	30-40	1.2-1.6"		±3	•	97+150	•	•	•	•	•	•	•	•	•			
133505010	40-50	1.6-2"		±4	•	97+150	•	•	•	•	•	•	•	•	•			
133506310	50-63	2-2.5"		±4	•	112+150	•	•	•	•	•	•	•	•	•			
133507510	62-75	2.5-3"		±4	•	112+150	•	•	•	•	•	•	•	•	•			
133508810	75-88	3-3.5"		±4	•	112+150	•	•	•	•	•	•	•	•	•			
133510010	87-100	3.5-4"		±4	•	112+150	•	•	•	•	•	•	•	•	•			
133512510	100-125	4-5"		±4	option	130+150	•	•	•	•	•	•	•	•	•			
133515010	125-150	5-6"		±4		130+150	•	•	•	•	•	•	•	•	•			
133517510	150-175	6-7"		±4		130+150	•	•	•	•	•	•	•	•	•			

DataMet PISTOL GRIP BORE GAUGE SET

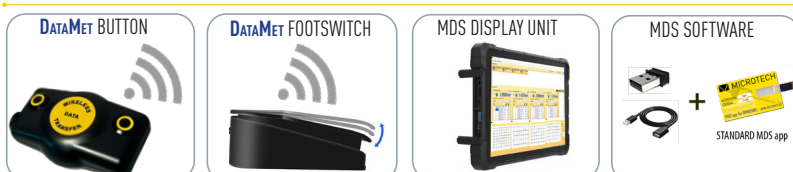
Item No	Range		Measuring heads	Setting rings	Max depth
	mm	inch			mm
133570612	6-12	0.25-0.5"	3pcs	3pcs	50+100
133571220	12-20	0.5-0.8"	2pcs	1pcs	65+150
133572050	20-50	0.8-2"	4pcs	2pcs	91+150
133575090	50-100	2-4"	4pcs	2pcs	65+150
133579130	6-150	0.25-6"	15pcs	up to 100mm	



DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** Extra long Pistol grip bore gauge with computerized MICS system
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



DATAmet FUNCTIONS

COLOR GO / NOGO 4 029mm 0 7N TIMER 0.000 sec RESET TIMER	COLOR MAX / MIN / RANGE 4 029mm 0 7N Formula AX^2+BX+C Set Argv FORMULA Ax^2+Bx+C	MEMORY 1000 values Display Angle 270 Sleep OFF Touch OFF DISPLAY & ENERGY	MEMORY STATISTICS Resolution X.000 mm Normal RESOLUTION, mm/inch	TEMPERATURE COMPENSATION 20.00 c° RES MDS MODE Ultra Power CLEAR WIRELESS to MDS app	DEVICE INFO, UPDATE HID MODE AD:FE TA M:A:C t Arr dow Eco Powe WIRELESS & USB HID
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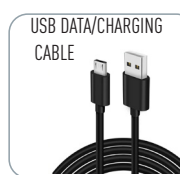
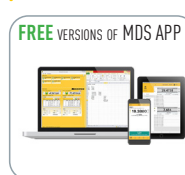
Item No	Range		Resol.	Accur.	Setting rings	Max depth	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm		mm												
133502511	20-25	0.8"-1"	0,0001	±3	●	1000	●	●	●	●	●	●	●	●	●	Folders / 2000 val	Long range / HID	USB HID / Update
135303011	25-30	1-1.2"		±3	●	1000	●	●	●	●	●	●	●	●	●			
135303012				±4	●	2000	●	●	●	●	●	●	●	●				
133504011	30-40	1.2-1.6"		±3	●	1000	●	●	●	●	●	●	●	●	●			
133504012				±4	●	2000	●	●	●	●	●	●	●	●				
133504013				±5	●	3000	●	●	●	●	●	●	●	●				
133505011	40-50	1.6-2"		±4	●	1000	●	●	●	●	●	●	●	●	●			
133505012				±5	●	2000	●	●	●	●	●	●	●	●				
133505013				±5	●	3000	●	●	●	●	●	●	●	●				
133505015				±7	●	5000	●	●	●	●	●	●	●	●				
133506311	50-63	2-2.5"		±4	●	1000	●	●	●	●	●	●	●	●	●			
133506312				±5	●	2000	●	●	●	●	●	●	●	●				
133506313				±5	●	3000	●	●	●	●	●	●	●	●				
133506315				±7	●	5000	●	●	●	●	●	●	●	●				
133507511	62-75	2.5-3"		±4	●	1000	●	●	●	●	●	●	●	●	●			
133507512				±5	●	2000	●	●	●	●	●	●	●	●				
133507513				±5	●	3000	●	●	●	●	●	●	●	●				
133507515				±7	●	5000	●	●	●	●	●	●	●	●				
133508811	75-88	3-3.5"		±4	●	1000	●	●	●	●	●	●	●	●	●			
133508812				±5	●	2000	●	●	●	●	●	●	●	●				
133508813				±5	●	3000	●	●	●	●	●	●	●	●				
133508815				±7	●	5000	●	●	●	●	●	●	●	●				
133510011	87-100	3.5-4"		±4	●	1000	●	●	●	●	●	●	●	●	●			
133510012				±5	●	2000	●	●	●	●	●	●	●	●				
133510013				±5	●	3000	●	●	●	●	●	●	●	●				
133510015				±7	●	5000	●	●	●	●	●	●	●	●				
133512511	100-125	4-5"		±4	option	1000	●	●	●	●	●	●	●	●	●			
133512512				±5		2000	●	●	●	●	●	●	●	●	●			
133512513				±5		3000	●	●	●	●	●	●	●	●	●			
133512515				±7		5000	●	●	●	●	●	●	●	●	●			
133515011	125-150	5-6"		±4		1000	●	●	●	●	●	●	●	●	●			
133515012				±5		2000	●	●	●	●	●	●	●	●	●			
133515013				±5		3000	●	●	●	●	●	●	●	●	●			
133515015				±7		5000	●	●	●	●	●	●	●	●	●			



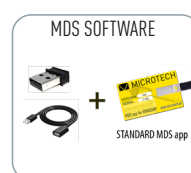
BIG DEPTH DataMet PISTOL GRIP BORE GAUGE SET

Item No	Range		Measuring heads	Setting rings	Max depth
	mm	inch			mm
133572052	20-50	0.8-2"	4pcs	2pcs	1000
133573053	30-50	1.2-2"	4pcs	2pcs	3000
133575092	50-100	2-4"	4pcs	2pcs	1000
133575093			4pcs	2pcs	3000
133575095			4pcs	2pcs	5000
133579132	20-150	0.8-4"	10pcs	5pcs	1000
133579133	30-150	1.2-4"	8pcs	4pcs	3000
133579135			8pcs		5000

DELIVERY SET



OPTIONAL





DATAmet FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
TIMER	FORMULA Ax^2+Bx+C	DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

- Three-point **DataMet** Gun barrel Pistol-grip bore gauges
- Long Carbide tipped measuring pins
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Max Depth	Lunet set	Anvils	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm																
138206017	60	59-61	0,0001	1000	-	standard	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID USB HID		
138206217	62	61-63		1000	-	standard	•	•	•	•	•	•	•	•	•			
138208017	80	79-81		1500	1	standard	•	•	•	•	•	•	•	•	•			
138208217	82	81-83		1500	1	standard	•	•	•	•	•	•	•	•	•			
138112027	120	118.5-121.5		2000	1	extended	•	•	•	•	•	•	•	•	•			
138112237	122	120.5-123.5		3000	2	extended	•	•	•	•	•	•	•	•	•			
138112437	124	122.5-125.5		3000	2	extended	•	•	•	•	•	•	•	•	•			
138112537	125	123.5-126.5		3000	2	extended	•	•	•	•	•	•	•	•	•			
138112567				6000	4	extended	•	•	•	•	•	•	•	•	•			
138115237	152	150.5-153.5		3000	2	extended	•	•	•	•	•	•	•	•	•			
138115267				6000	4	extended	•	•	•	•	•	•	•	•	•			
138115537	155	153.5-156.5		3000	2	extended	•	•	•	•	•	•	•	•	•			
138115567				6000	4	extended	•	•	•	•	•	•	•	•	•			

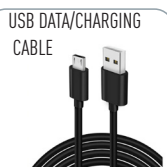


DataMet
interface



CONNECTION
possibilities

DELIVERY SET



OPTIONAL



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

macOS
iOS



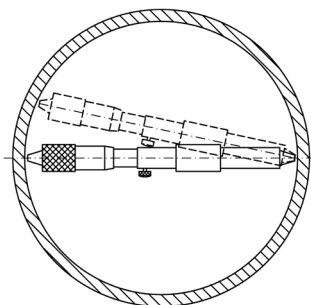
DOWNLOAD
MDS app ANDROID

android

- Tubular Inside **CertiMet** micrometers with range up to 6m
- Digital IP65 indication system
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Tube D	Extension rods	Proof	Preset
	mm	inch				mm		
133800102	125-1000	5-40"	0,001	±20	22	25, 50 (2pcs), 100, 200, 400	IP65	•
133800152	125-1500	5-60"		±25		25, 50 (2pcs), 100 (2pcs), 200, 400 (2pcs)		•
133800202	125-2100	5-84"		±30		25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (3pcs)		•
133800302	125-3000	5-120"		±40		25, 50 (2pcs), 100 (2pcs), 200 (3pcs), 400 (5pcs)		•
133800402	125-4000	5-160"		±50		25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (8pcs)		•



DELIVERY SET



OPTIONAL



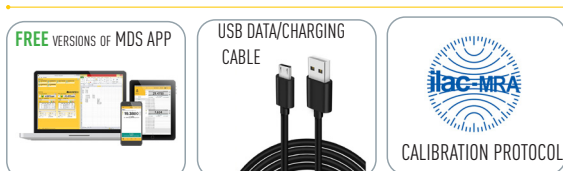
- Tubular **DataMet** Inside micrometers with range up to 6m
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

0,1µm



Item No	Range		Reso- lution	Accu- racy	Tube D	Extension rods	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	mm													
133800100	125-1000	5-40"	0,0001	±15	22	25, 50 (2pcs), 100, 200 ,400	IP65	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133800150	125-1500	5-60"		±15		25, 50 (2pcs), 100 (2pcs), 200 ,400 (2pcs)		•	•	•	•	•	•	•	•	•			
133800200	125-2100	5-84"		±20		25, 50 (2pcs), 100 (2pcs), 200 (2pcs) ,400 (3pcs)		•	•	•	•	•	•	•	•	•			
133800300	125-3000	5-120"		±30		25, 50 (2pcs), 100 (2pcs), 200 (3pcs) ,400 (5pcs)		•	•	•	•	•	•	•	•	•			
133800400	125-4000	5-160"		±40		25, 50 (2pcs), 100 (2pcs), 200 (2pcs) ,400 (8pcs)		•	•	•	•	•	•	•	•	•			

DELIVERY SET



OPTIONAL





CARBON FIBER TUBE

SOLID CARBON TUBES

DATAmet FUNCTIONS

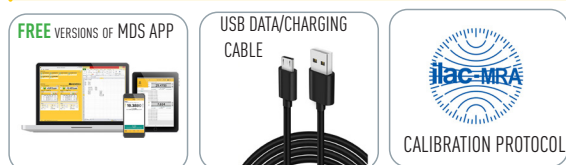
ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- CARBON Tubular **DataMet** Inside micrometers with range up to 10m
- Light and solid carbon extension rods
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso- lution	Accu- racy	Tube D	Extension rods	Proof	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	μm	mm	mm													
133800101	150-1000	6-40"	0,0001	±15	22	25, 50 (2pcs), 100 (1pcs), 200 (1pcs), 400 (1pcs)	IP65	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
133800151	150-1500	6-60"		±15		25, 50 (2pcs), 100 (2pcs), 200 (1pcs), 400 (2pcs)		•	•	•	•	•	•	•	•	•			
133800201	150-2100	6-85"		±20		25, 50 (1pcs), 100 (1pcs), 200 (1pcs), 400 (4pcs)		•	•	•	•	•	•	•	•	•			
133800301	150-3000	6-120"		±30	32	25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (1pcs)		•	•	•	•	•	•	•	•	•			
133800401	150-4000	6-160"		±40		25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (2pcs)		•	•	•	•	•	•	•	•	•			
133800501	150-5000	6-200"		±50	50	25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (3pcs)		•	•	•	•	•	•	•	•	•			
133800601	150-6000	6-240"		±60		25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (4pcs)		•	•	•	•	•	•	•	•	•			
133800801	150-8000	6-320"		±80		25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (6pcs)		•	•	•	•	•	•	•	•	•			
133801001	150-10000	6-400"		±100		25, 50 (2pcs), 100 (1pcs), 200 (2pcs), 400 (3pcs), 1000 (8pcs)		•	•	•	•	•	•	•	•	•			



DELIVERY SET



OPTIONAL



- **CertiMet** dial bore gauges with Carbide contacts with depth up to 2m
- Dial indicator with 0.01mm resolution
- Custom range and depth for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



UP TO
2000MM
DEPTH

CUSTOM RANGE AND DEPTH FOR REQUEST

DELIVERY SET



Item No	Range	Depth	Resolution	Accuracy
	mm	mm	mm	µm
132010100	6-10	60	0.01	±8
132018100	10-18	110		±8
132050100	18-50	130		±12
132050111		500		±12
132050122		1000		±12
132050144		2000		±12
132160100	50-160	150		±15
132160111		500		±15
132160122		1000		±15
132160144		2000		±15
132250100	160-250	260		±15
132250122		1000		±15
132250144		2000		±15
132450100	250-450	260		±22
132450122		1000		±22
132450144		2000		±22
132900100	400-1000	440		±30
132900122		1000		±30
132900144		2000		±30
132951100		250-1500		440
BORE GAUGES SETS				
132160105	18-160		0.01	±15
132450105	18-450			±22
132990105	6-1000			±30

- **CertiMet** digital bore gauges with Carbide contacts
- PRECISION serie of bore gauge with 0.001mm resolution
- Top quality Italian origin mechanical part of bore gauge
- Micron Digital indicator IP65 proof with PRESET, HOLD function
- Wide measuring range
- **Calibration** certificate included (ISO17025 (Ilac MRA))

PRESET
FUNCTION

1µm

 **HIGH ACCURACY**
ITALIAN MECHANICAL SYSTEM

Item No	Range	Depth	Resolu- tion	Move tip	Accuracy	Repeat.	Weight	Preset	Hold
	mm	mm			µm		kg		
132035803	15-35	125	0.001	1,5	±2	1	0,08	•	•
132100803	30-100	250		2,3	±2	1	0,19	•	•
132100813		1250			±4	1	0,71	•	•
132210803	50-210	380		3,3	±3	1	0,27	•	•
132210813		1380			±4	1	0,79	•	•
132300803	100-300	350		3,5	±3	1	0,46	•	•
132300813		1390			±5	1	1,25	•	•
132500803	100-500	650		3,5	±3	1	0,73	•	•
132500813		1690			±5	1	1,5	•	•
132990803	190-1000	650		4	±5	1	1,1	•	•
132990813		1690			±7	1	1,88	•	•

DELIVERY SET



OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



UNIVERSAL
CALIBRATION STANDS



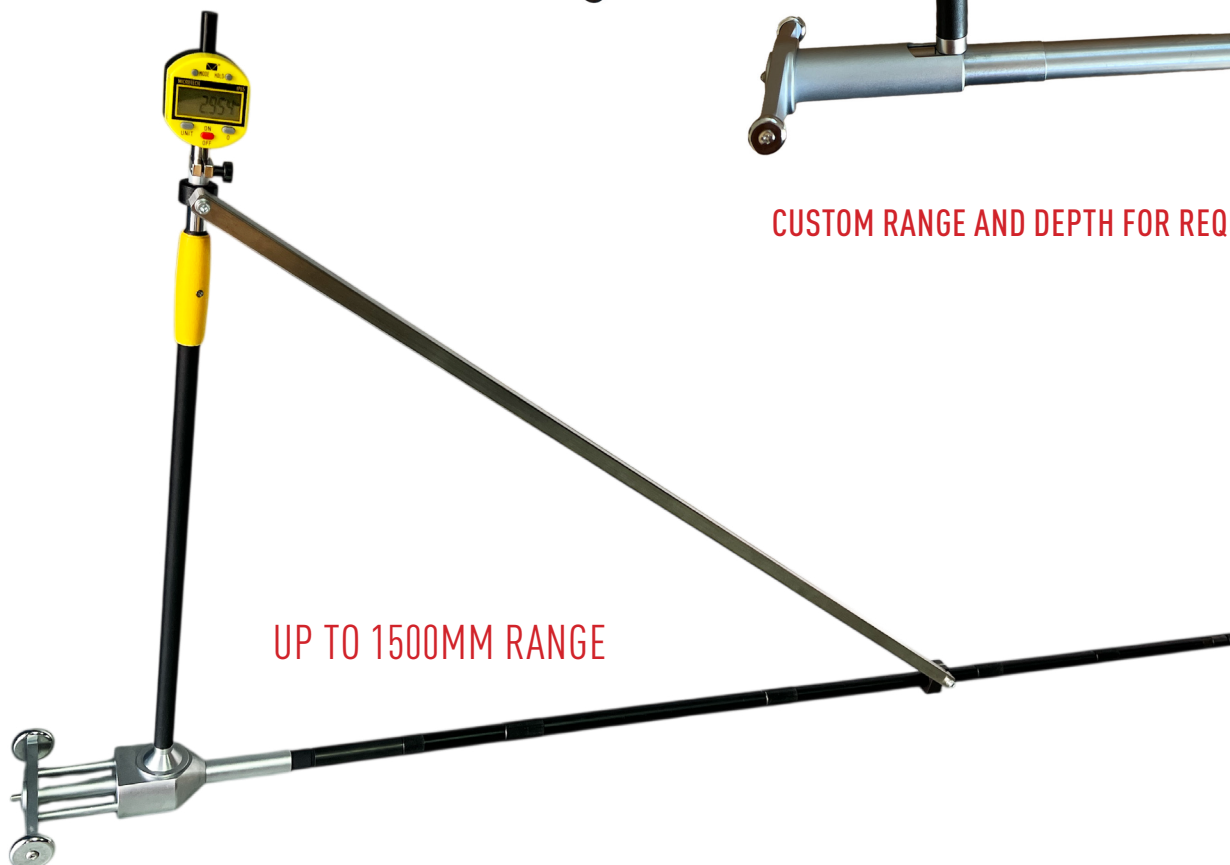


PRESET
FUNCTION



CUSTOM RANGE AND DEPTH FOR REQUEST

UP TO 1500MM RANGE



- **CertiMet** digital bore gauges with Carbide contacts with depth up to 2m
- Up to 1500mm range
- Micron Digital indicator IP65 proof with PRESET, HOLD function
- Custom range and depth for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Depth	Resolu- tion	Accuracy	Preset	Hold
	mm	mm	mm	µm		
132010800	6-10	60	0.001	±3	●	●
132018800	10-18	110		±3	●	●
132050800	18-50	130		±3	●	●
132050811		500		±3	●	●
132050822		1000		±3	●	●
132050844		2000		±3	●	●
132160800	50-160	150		±3	●	●
132160811		500		±3	●	●
132160822		1000		±3	●	●
132160844		2000		±3	●	●
132250800	160-250	260		±4	●	●
132250822		1000		±5	●	●
132250844		2000		±5	●	●
132450800	250-450	260		±5	●	●
132450822		1000		±8	●	●
132450844		2000		±8	●	●
132900800	400-1000	440		±7	●	●
132900822		1000		±12	●	●
132900844		2000		±12	●	●
132951800		250-1500		440	±8	●
BORE GAUGES SETS						
132160805	18-160		0.001	±3	●	●
132450805	18-450			±8	●	●
132990805	6-1000			±12	●	●

DELIVERY SET



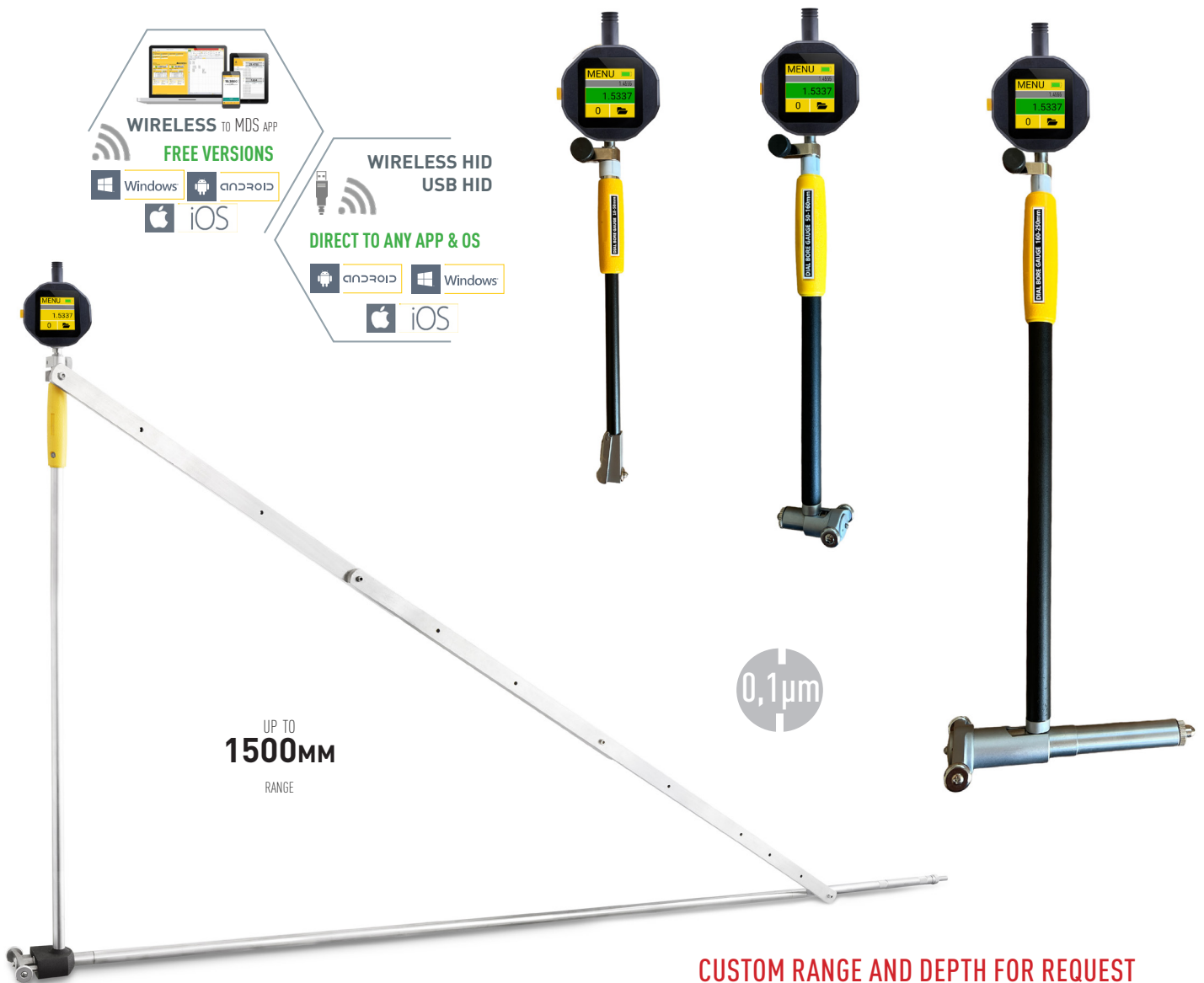
OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



UNIVERSAL
CALIBRATION STANDS





CUSTOM RANGE AND DEPTH FOR REQUEST

DATAmet FUNCTIONS

COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	FORMULA Ax^2+Bx+C
MEMORY 1000 values	MEMORY STATISTICS	TEMPERATURE COMPENSATION	DEVICE INFO, UPDATE
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID

- **DataMet** Two-point bore gauges with range up to 1500mm and depth up to 2 m
- Carbide tipped measuring pins
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting, Connection status
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range	Depth	Resolu- tion	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB			
	mm	mm	mm	µm																
132010700	6-10	60	0.0001	±3	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware			
132018700	10-18	110		±3	•	•	•	•	•	•	•	•	•	•						
132050700	18-50	130		±3	•	•	•	•	•	•	•	•	•	•						
132050711		500		±3	•	•	•	•	•	•	•	•	•	•						
132050722		1000		±3	•	•	•	•	•	•	•	•	•	•						
132050744		2000		±3	•	•	•	•	•	•	•	•	•	•						
132160700	50-160	150		±3	•	•	•	•	•	•	•	•	•	•						
132160711		500		±3	•	•	•	•	•	•	•	•	•	•						
132160722		1000		±3	•	•	•	•	•	•	•	•	•	•						
132160744		2000		±3	•	•	•	•	•	•	•	•	•	•						
132250700	160-250	260		±5	•	•	•	•	•	•	•	•	•	•						
132250722		1000		±5	•	•	•	•	•	•	•	•	•	•						
132250744		2000		±5	•	•	•	•	•	•	•	•	•	•						
132450700	250-450	260		±8	•	•	•	•	•	•	•	•	•	•						
132450722		1000		±8	•	•	•	•	•	•	•	•	•	•						
132450744		2000		±8	•	•	•	•	•	•	•	•	•	•						
132900700	400-1000	440		±12	•	•	•	•	•	•	•	•	•	•						
132900722		1000		±12	•	•	•	•	•	•	•	•	•	•						
132900744		2000		±12	•	•	•	•	•	•	•	•	•	•						
132951700	250-1500	440		±8	•	•	•	•	•	•	•	•	•	•						
BORE GAUGES SETS																				
132160705	18-160		0.0001	±3	•	•	•	•	•	•	•	•	•	•	•	•	•			
132450705	18-450			±8	•	•	•	•	•	•	•	•	•	•	•	•	•			
132990705	6-1000			+12	•	•	•	•	•	•	•	•	•	•	•	•	•			



DataMet interface



CONNECTION possibilities

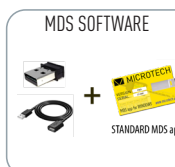
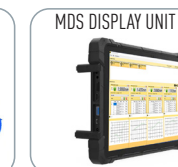


VIDEO

DELIVERY SET



OPTIONAL



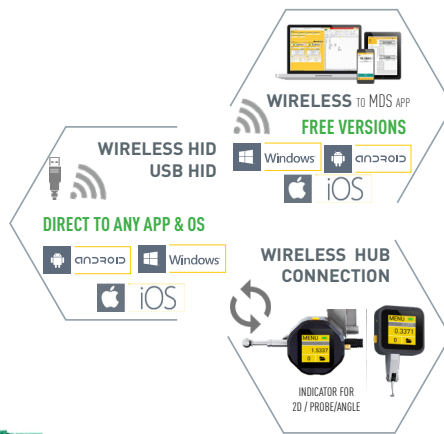
DOWNLOAD
MDS app WINDOWS



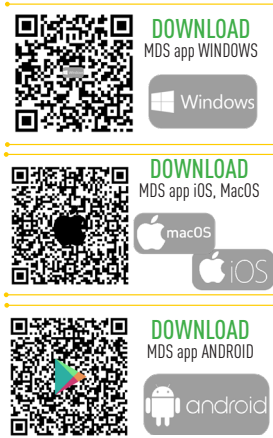
DOWNLOAD
MDS app iOS, MacOS



DOWNLOAD
MDS app ANDROID



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



HIGH ACCURACY
ITALIAN MECHANICAL SYSTEM



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	Setting	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

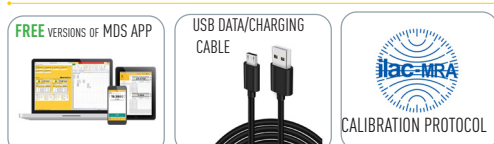
- **Industry 4.0** adopted **DataMet** bore gauges with computerized MICS system with 2.4" color Touchscreen
- Two-point dial bore gauges with range up to 1000mm and depth up to 1,7 m
- Carbide tipped measuring pins
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **Quick reading system** (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration certificate** included (ISO17025 (Ilac MRA))

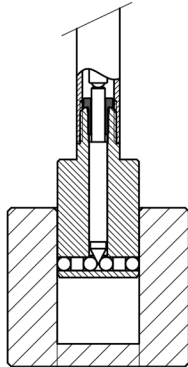
DataMet BORE GAUGES WITH CARBIDE CONTACTS

Item No	Range	Depth	Resolu- tion	Move tip	Accuracy	Repeat.	Weight	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	μm	μm	kg																
132035808	15-35	125	0.0001	1,5	±2	1	0,08	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132100808	30-100	250		2,3	±2	1	0,19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132100818		1250			±4	1	0,71	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132210808	50-210	380		3,3	±3	1	0,27	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132210818		1380			±4	1	0,79	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132300808	100-300	350		3,5	±3	1	0,46	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132300818		1390			±5	1	1,25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132500808	100-500	650		3,5	±3	1	0,73	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132500818		1690			±5	1	1,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132990808	190-1000	650		4	±5	1	1,1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132990818		1690			±7	1	1,88	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS DataMet BORE GAUGES WITH CARBIDE

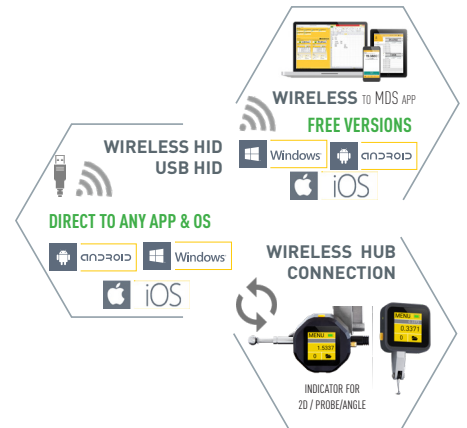
Item No	Range	Depth	Resolu- tion	Move tip	Accuracy	Repeat.	Weight	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	mm	mm	µm	µm	kg																			
132035808M	15-35	125	0.0001	1,5	±2	1	0,08	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132100808M	30-100	250		2,3	±2	1	0,19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132100818M		1250			±4	1	0,71	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132210808M	50-210	380		3,3	±3	1	0,27	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132210818M		1380			±4	1	0,79	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132300808M	100-300	350		3,5	±3	1	0,46	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132300818M		1390			±5	1	1,25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132500808M	100-500	650		3,5	±3	1	0,73	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132500818M		1690			±5	1	1,5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132990808M	190-1000	650		4	±5	1	1,1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132990818M		1690			±7	1	1,88	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

DELIVERY SET

OPTIONAL

0,1µm

**INTERCHANGEABLE
MEASURING HEADS INCLUDED**



OPTIONAL MODBUS ASCII, MODBUS TCP/IP

**HIGH ACCURACY
ITALIAN MECHANICAL SYSTEM**

DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** plug gauges with computerized MICS system with 2.4" color Touchscreen
- SET of interchangeable measuring heads (10 measuring heads in each set)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- Quick reading system (50 value/sec)
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet

PLUG GAUGES WITH CARBIDE CONTACTS

Item No	Range	Depth	Resolution	Move tip	Accuracy	Repeat.	Weight	Heads	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	mm	mm	mm	µm	µm	kg																	
132005908	5-10	70	0.0001	1,5	±2	2	0,06	10pcs (5-10mm)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132010908	10-20	70		2,3	±2	2	0,1	10pcs (10-20mm)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132020918	5-20	70			±4	2	0,1	20pcs (5-20mm)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS DataMet

PLUG GAUGES WITH CARBIDE CONTACTS

Item No	Range	Depth	Resolution	Accuracy	Repeat.	Weight	Heads	2D connect	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	mm	µm	µm	kg																				
132005908M	5-10	70	0.0001	±2	2	0,06	10pcs (5-10mm)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
132010908M	10-20	70		±2	2	0,1	10pcs (10-20mm)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
132020918M	5-20	70		±4	2	0,1	20pcs (5-20mm)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option



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MDS app WINDOWS



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MDS app iOS, MacOS



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MDS app ANDROID

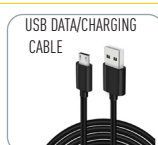


DataMet
interface



CONNECTION
possibilities

DELIVERY SET



OPTIONAL



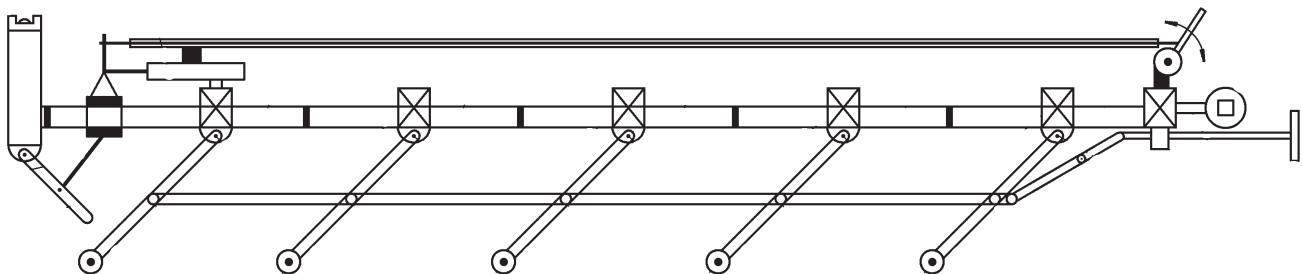


DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Two-point Big depth **DataMet** bore gauges with Carbide contacts. Depth up to 10m with modular construction for easy transportation
- Patents UA103980, UA114974, UA149184
- Optional retractable head and support set
- Modular construction for easy transportation
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Range	Reso- lution	Depth	Modules		Accuracy (Horizontal)	Supports set with rolls	Retractable head	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	CAMERA
				length	qty																	
	mm	mm	mm	mm	pcs	µm																
131050745	35-50	0,0001	3000	1500	2	±12	option	option	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update firmware	optional
131160745	50-160		3000	1500	2	±10			•	•	•	•	•	•	•	•	•	•				
131160755	85-160		5000	1700	3	±12			•	•	•	•	•	•	•	•	•	•				
131250745	160-250		3000	1500	2	±12			•	•	•	•	•	•	•	•	•	•				
131250755			5000	1700	3	±15			•	•	•	•	•	•	•	•	•					
131260750	105-260		5000	1700	3	±28	•	•	•	•	•	•	•	•	•	•						
131260770			7000	1750	4	±31	•	•	•	•	•	•	•	•	•							
131260795			10000	2000	5	±35	•	•	•	•	•	•	•	•	•							
131450745	250-450		3000	1500	2	±17	option	option	•	•	•	•	•	•	•	•	•	•				
131450755			5000	1700	3	±20			•	•	•	•	•	•	•	•	•					
131450750			5000	1700	3	±30	•	•	•	•	•	•	•	•	•	•						
131450770			7000	1750	4	±33	•	•	•	•	•	•	•	•	•							
131450795			10000	2000	5	±37	•	•	•	•	•	•	•	•	•	•						
131900745	400-1000		3000	1500	2	±25	option	option	•	•	•	•	•	•	•	•	•	•				
131900755			5000	1700	3	±30			•	•	•	•	•	•	•	•	•					
131990750			5000	1700	3	±35	•	•	•	•	•	•	•	•	•	•						
131990770			7000	1750	4	±40	•	•	•	•	•	•	•	•	•							
131990795			10000	2000	5	±45	•	•	•	•	•	•	•	•	•	•						



DataMet interface



CONNECTION possibilities



DOWNLOAD
MDS app WINDOWS
Windows



DOWNLOAD
MDS app iOS, MacOS
macOS
iOS



VIDEO



DOWNLOAD
MDS app ANDROID
android

DELIVERY SET



OPTIONAL



- L-shape rod **CertiMet** bore gauge for measuring holes in orthogonal position to the gauge axis
- Digital MICRON indicator with PRESET, HOLD functions and optional USB data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

 **HIGH ACCURACY**
ITALIAN MECHANICAL SYSTEM

Item No	Range	Resolution	Accuracy	Repeatability	Depth rod		Tip travel	Weight	Preset	Hold
					main	second				
	mm	mm	µm	µm	mm	mm	mm	kg		
132064032	15-35	0,001	±4	±1	200	32	1,6	0,09	•	•
132064062	25-60		±4		275	44	2,3	0,27	•	•
132064152	50-150		±4		275	45	3,3	0,3	•	•
132064302	100-300		±5		375	70	3,5	0,52	•	•

DELIVERY SET

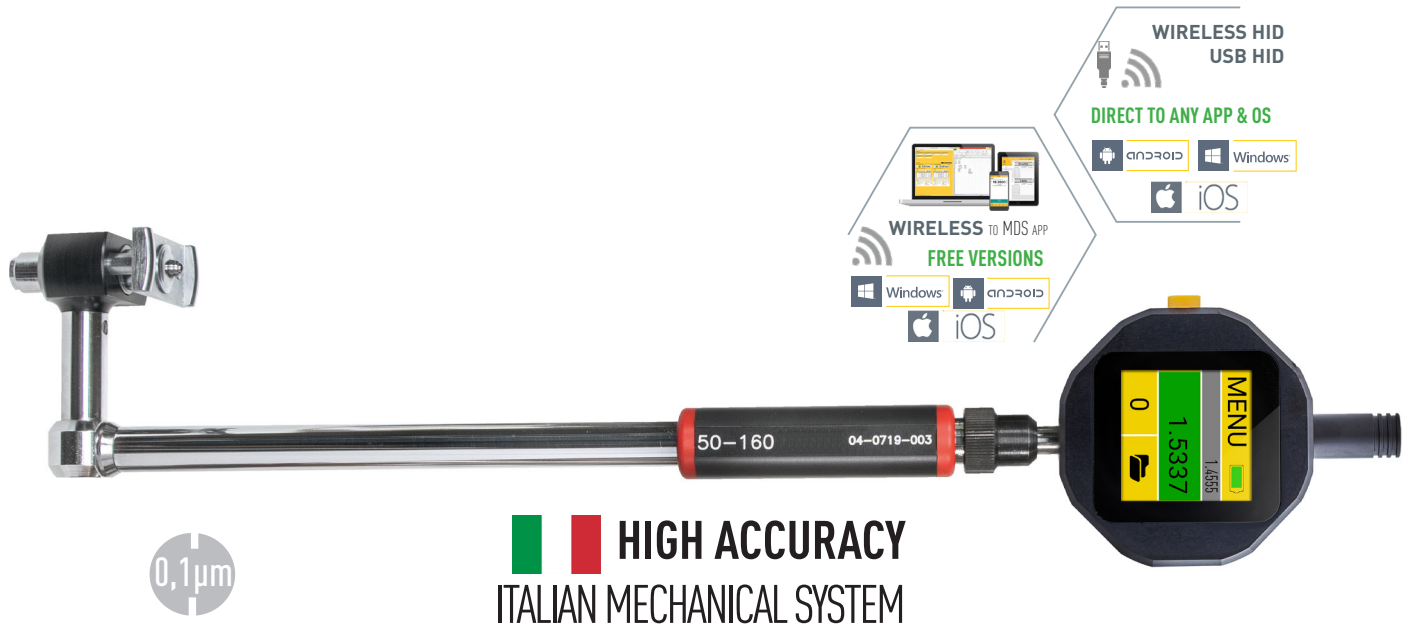


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A
KEYBOARD

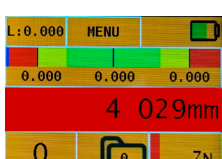


- L-shape rod **DataMet** bore gauge for measuring holes in orthogonal position to the gauge axis
- Multifunctional computerized **MICS** indication system with 0.1 micron resolution.
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range	Reso- lution	Accur.	Repea- tability	Depth rod		Tip travel	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU option	
					main	second																	
	mm	mm	µm	µm	mm	mm	mm	kg															
132064038	15-35	0,0001	±3	±1	200	32	1,6	0,09	•	•	•	•	•	•	•	•	•	•	•	•	•		
132064068	25-60		±3		275	44	2,3	0,27	•	•	•	•	•	•	•	•	•	•	•	•	•		
132064158	50-150		±3		275	45	3,3	0,3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
132064308	100-300		±3		375	70	3,5	0,52	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

COMPUTERIZED **MICS** SYSTEM MAIN FUNCTIONS



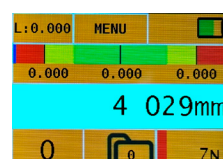
COLOR GO / NOGO

TIMER

0.000 sec

RESET

TIMER



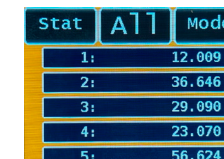
COLOR MAX / MIN / RANGE

Formula

Ax^2+Bx+C

Set Argv

FORMULA Ax^2+Bx+C



stat ALL Mode

1: 12.009

2: 36.646

3: 29.090

4: 23.070

5: 56.624

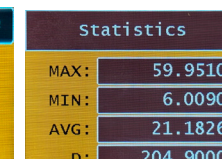
MEMORY 1000 values

Display

Angle 270

Sleep OFF Touch OFF

DISPLAY & ENERGY



Statistics

MAX: 59.9510

MIN: 6.0090

AVG: 21.1826

D: 204.9000

MEMORY STATISTICS

Resolution

X.000

mm

Normal

RESOLUTION, mm/inch



Temp.com.

Glass, Quartz, Mo

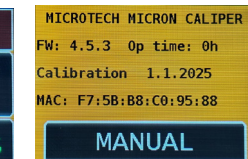
20.00 c° RES

TEMPERATURE COMPENSATION

MDS MODE

Ultra Power CLEAR

WIRELESS to MDS app



MICROTECH MICRON CALIPER

FW: 4.5.3 Op time: 0h

Calibration 1.1.2025

MAC: F7:5B:B8:C0:95:88

MANUAL

DEVICE INFO, UPDATE

HID MODE

AD:FE TA

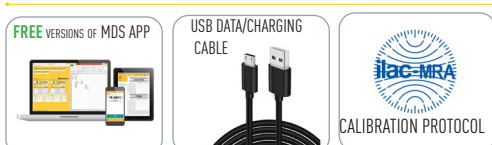
H:A:C t

Arr dow

Eco Power CLEAR

WIRELESS & USB HID

DELIVERY SET



OPTIONAL

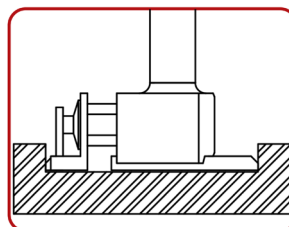


- **CertiMet** Bore gauge for measuring minimum distance from the bottom
- Digital MICRON indicator with PRESET, HOLD functions and optional USB data transfer
- **Calibration** certificate included (ISO17025 (Ilac MRA))

PRESET
FUNCTION



 **HIGH ACCURACY**
ITALIAN MECHANICAL SYSTEM



Item No	Range	Resolution	Accuracy	Repeatability	Depth	Base width	Distance from bottom	Tip travel	Weight	Preset	Hold
	mm	mm	µm	µm	mm	mm	mm	mm	kg		
132065032	15-35	0,001	±4	±1	90	11,5	1,5	1,4	0,08	•	•
132065062	25-60		±4		130	18	2	1,6	0,1	•	•
132065152	50-150		±4		150	38	1,5	2,5	0,2	•	•
132065302	100-300		±5		230	66	1,5	3,3	0,4	•	•

DELIVERY SET



OPTIONAL

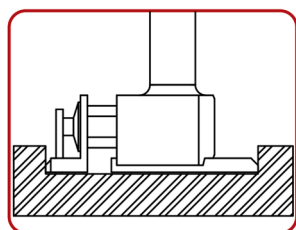
141083000 USB HID DATA
TRANSFER CABLE 2.5m
DIRECT DATA TRANSFER, LIKE A
KEYBOARD



- **DataMet** Bore gauge for measuring minimum distance from the bottom
- Multifunctional computerized **MICS** indication system with 0.1 micron resolution.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



HIGH ACCURACY
ITALIAN MECHANICAL SYSTEM



Stat All Mode

1:	12.009
2:	36.646
3:	29.090
4:	23.070
5:	56.624

MEMORY 1000 values

Display

Angle 270

Sleep OFF Touch OFF

0.000 MENU 0.000 0.000 0.000

4 029mm

0 7N

COLOR GO / NOGO

TIMER

0.000 sec

RESET

FORMULA

AX²+BX+C

Set Argv

FORMULA Ax²+Bx+C

Temp.com.

Glass, Quartz, Mo

20.00 c° RES

DISPLAY & ENERGY

MICROTECH MICRON CALIPER

FW: 4.5.3 Op time: 0h

Calibration 1.1.2025

MAC: F7:5B:B8:C0:95:88

MANUAL

Resolution

X.000

mm

Normal

RESOLUTION, mm/inch

WIRELESS to MDS app

WIRELESS & USB HID



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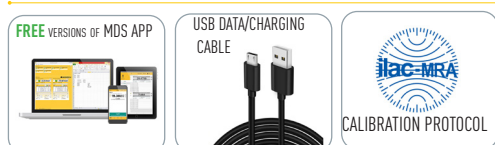
macOS iOS

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android

Item No	Range	Resolution	Accur.	Repeatability	Depth	Base width	Distance from bottom	Tip travel	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	μm	μm	mm	mm	mm	mm	kg														
132065038	15-35	0,0001	±3	±1	90	11,5	1,5	1,4	0,25	•	•	•	•	•	•	•	•	•	•	•	•	•	option
132065068	25-60		±3		130	18	2	1,6	0,4	•	•	•	•	•	•	•	•	•	•	•	•	•	
132065158	50-150		±3		150	38	1,5	2,5	0,55	•	•	•	•	•	•	•	•	•	•	•	•	•	
132065308	100-300		±3		230	66	1,5	3,3	0,77	•	•	•	•	•	•	•	•	•	•	•	•	•	

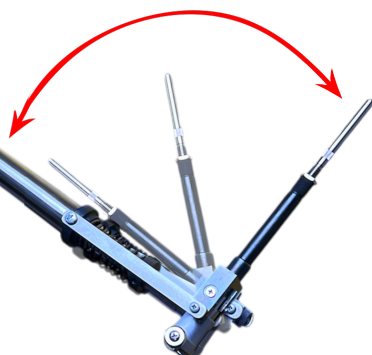
DELIVERY SET



OPTIONAL

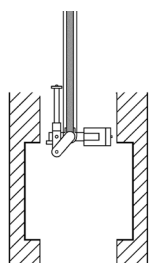


- Retractable construction of measuring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- Patents UA147920, UA150454, UA99686
- Digital MICRON indicator with PRESET, HOLD functions and optional USB data transfer
- Calibration certificate included (ISO17025 (Ilac MRA))

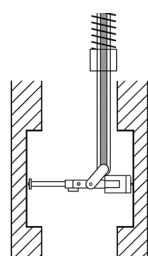


PRESET
FUNCTION

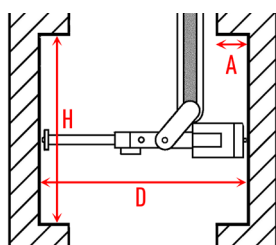
1µm



INSERT



MEASURE



CUSTOM RANGE AND DEPTH FOR REQUEST

Item No*	Range D	Reso- lution	Max A	Min H	MaxH	Accuracy
	mm	mm	mm	mm	mm	µm
139160800	70-160	0,001	20	D-30	150	±15
139160811					1000	±25
139160822					2000	±30
139160833					3000	±35
139250800	160-250				150	±15
139250811					1000	±25
139250822					2000	±30
139250833					3000	±35
139450800	250-450		150	±15		
139450811			1000	±25		
139450822			2000	±30		
139450833			3000	±35		
139550800	250-550		60	100+0,3*D	380	±25
139780800	480-780				400	±30
139910800	720-1020				400	±35



VIDEO

DELIVERY SET

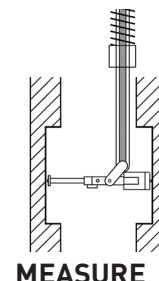
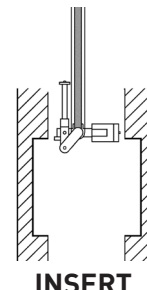
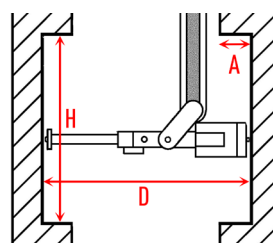


OPTIONAL

141083000 USB HID DATA
TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE
A KEYBOARD



- Retractable construction of measuring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- Patents UA147920, UA150454, UA99686
- Computerized MICS indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1 μm



CUSTOM RANGE AND DEPTH FOR REQUEST

Item No	Range D	Reso- lution	Max A	Min H	Max H	Accu- racy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	mm	mm	mm	µm														
139160700	70-160	0,0001	20	D-30	150	±12	●	●	●	●	●	●	●	●	●	●	Folders / 2000 val	Long range / HID	USB HID / Update firmware	option
139160711					1000	±20	●	●	●	●	●	●	●	●	●	●				
139160722					2000	±25	●	●	●	●	●	●	●	●	●	●				
139160733					3000	±30	●	●	●	●	●	●	●	●	●	●				
139250700	160-250				150	±12	●	●	●	●	●	●	●	●	●	●				
139250711					1000	±20	●	●	●	●	●	●	●	●	●	●				
139250722					2000	±25	●	●	●	●	●	●	●	●	●	●				
139250733					3000	±30	●	●	●	●	●	●	●	●	●	●				
139450700	250-450		150	±12	●	●	●	●	●	●	●	●	●	●	●					
139450711			1000	±20	●	●	●	●	●	●	●	●	●	●						
139450722			2000	±25	●	●	●	●	●	●	●	●	●	●						
139450733			3000	±30	●	●	●	●	●	●	●	●	●	●						
139550700	250-550		60	100+0,3*D	380	±20	●	●	●	●	●	●	●	●	●	●				
139780700	480-780				400	±25	●	●	●	●	●	●	●	●	●					
139910700	720-1020				400	±30	●	●	●	●	●	●	●	●	●					



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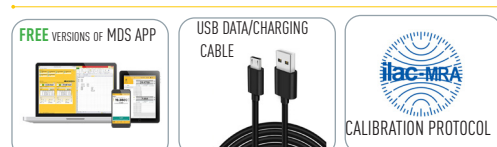


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iOS



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android

DELIVERY SET



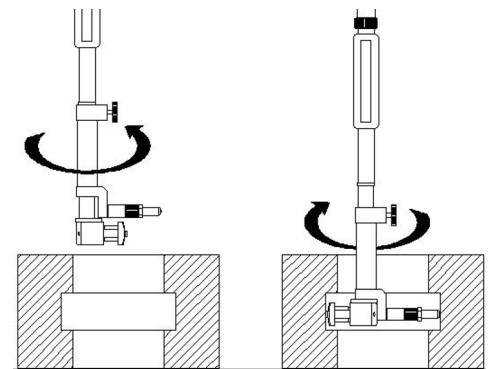
OPTIONAL



- **Rotating** construction of measuring part for block bores, grooves and recesses
- For the determination of internal diameters, where a smaller bore lying in front of this diameter, has to be passed
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1 μm



HIGH ACCURACY
ITALIAN MECHANICAL SYSTEM

Item No	Range D	Resolution	Min entry D	Retraction	Max H	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	mm	mm	mm	μm														
139169708	50-160	0,0001	50	20	90	±6	•	•	•	•	•	•	•	•	•	•	•	•	•	•
139309708	100-300	0,0001	75	35	130	±8	•	•	•	•	•	•	•	•	•	•	•	•	•	•
139169708M	50-160	0,0001	50	20	90	±6	•	•	•	•	•	•	•	•	•	•	•	•	•	•
139309708M	100-300	0,0001	75	35	130	±8	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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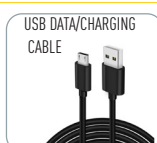


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iOS



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DELIVERY SET



OPTIONAL

- Measuring holes, bearing seats, bores on line bearing machine
- Two-points self centering measuring of parts with central hub
- Bar with mm scale marking
- Multifunctional computerized **MICS** indication system with 0.1 micron resolution.
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm



 **HIGH ACCURACY**
ITALIAN MECHANICAL SYSTEM

Item No	Range	Reso- lution	Accur.	Repeat	Depth	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	mm	µm	µm	mm	kg														
132062068	20-60	0,0001	±3	±1	12	0,25	•	•	•	•	•	•	•	•	•	•	•	•	•	option
132062108	35-100		±3		17.5	0,4	•	•	•	•	•	•	•	•	•	•	•	•	•	
132062158	70-150		±3		30	0,55	•	•	•	•	•	•	•	•	•	•	•	•	•	
132062288	120-280		±4		30	0,77	•	•	•	•	•	•	•	•	•	•	•	•	•	
132062608	200-600		±5		30	0,95	•	•	•	•	•	•	•	•	•	•	•	•	•	



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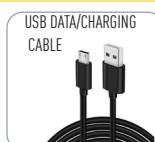
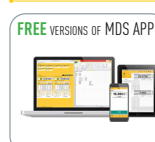
macOS
iOS



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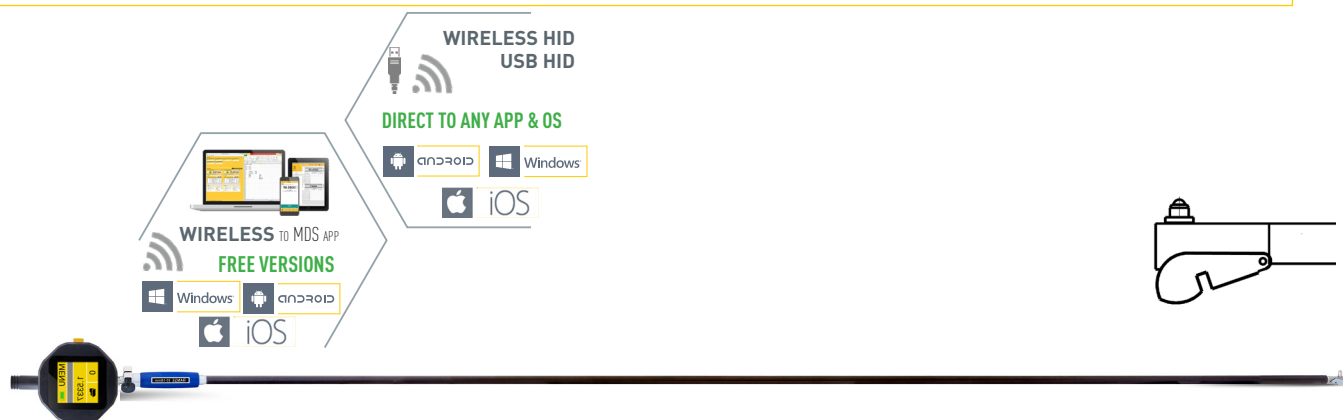
DELIVERY SET



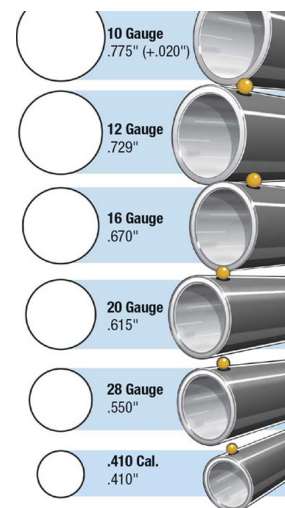
OPTIONAL



- Two-point Shotgun bore gauges for different calibers with depth 760mm
- Carbide tipped measuring pins
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range			Resolution	Max Depth	Accuracy	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm	inch															
138070007	0.410	10.2-10,6	0,410"	0,0001	760	±12	•	•	•	•	•	•	•	•	•	Folders / 2000 val Long range / HID	WIRELESS	USB
138028007	28	13,8-14,2	0,551"			±12	•	•	•	•	•	•	•	•	•			
138024007	24	14,7-15,1	0,587"			±12	•	•	•	•	•	•	•	•	•			
138020007	20	15,7-16,1	0,626"			±12	•	•	•	•	•	•	•	•	•			
138016007	16	16,8-17,2	0,669"			±12	•	•	•	•	•	•	•	•	•			
138012007	12	18,2-18,6	0,724"			±12	•	•	•	•	•	•	•	•	•			
138010007	10	19,7-20,1	0,775"			±12	•	•	•	•	•	•	•	•	•			
138004007	4	26,2-26,6	1,039"			±12	•	•	•	•	•	•	•	•	•			



DataMet
interface



CONNECTION
possibilities



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macOS
iOS



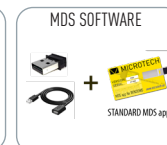
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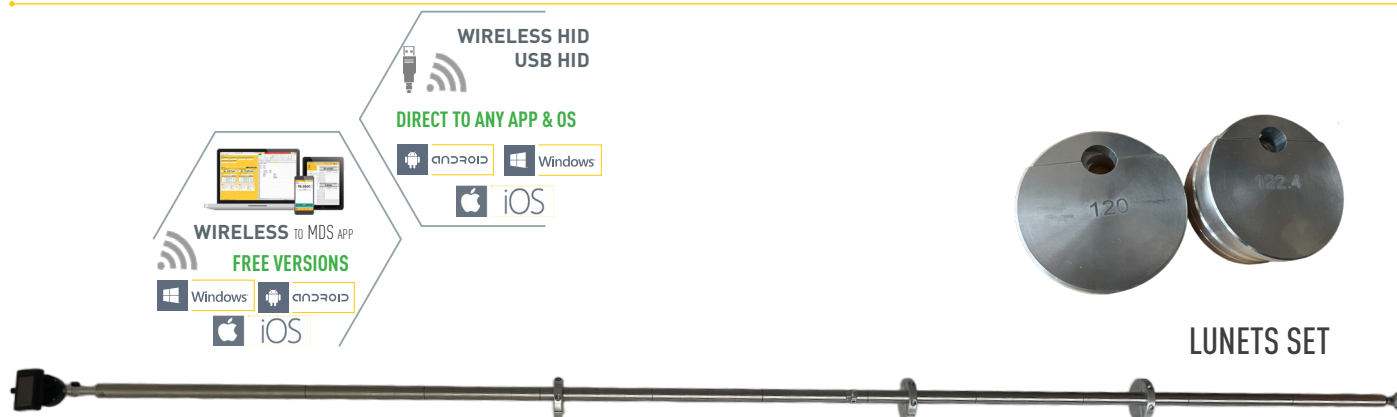
DELIVERY SET



OPTIONAL



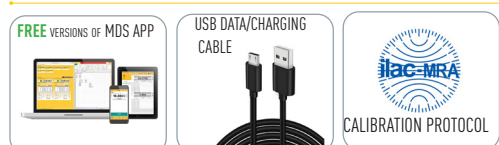
- Two-point Big barrel bore gauges for different calibers with depth up to 3m
- Carbide tipped measuring pins
- Can be supplied with Lunets set
- Computerized **MICS** indication system
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Max Depth	Lunet set	Depth scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Caliber	mm																
138006007	60	59,3-60,7	0,0001	1200	option	50	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID
138008007	80	79,3-80,7					•	•	•	•	•	•	•	•	•			
138008107	81	80,3-81,7					•	•	•	•	•	•	•	•	•			
138008207	82	81,3-82,7					•	•	•	•	•	•	•	•	•			
138012107	120	119,3-120,7		2000	3	200	•	•	•	•	•	•	•	•	•			
138012207	122.4	122-123,6					•	•	•	•	•	•	•	•	•			



DELIVERY SET



OPTIONAL





TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY



DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Radius gauges and Radius gauges SET for **External & Internal** measurings up to **15m**
- Straight indication RADIUS value on display (no re-calculation needed)
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet RADIUS GAUGES

Item No	Radius		Type	Resol.	Accu- racy	Base	Indica- tor range	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	WIRELESS	IISR
	Range																				
	mm	inch																			
1250511017	5-60	0,2-1,2"	internal & external	1	0,4-1	10	13	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1250511007	40-1000	2-48"				40		•	•	•	•	•	•	•	•	•	•	•	•	•	
1250511117	250-7500	10-300"				200	50	•	•	•	•	•	•	•	•	•	•	•	•	•	
1250511127	500-15000	20-600"				300		•	•	•	•	•	•	•	•	•	•	•	•	•	

DataMet RADIUS GAUGES SET

Item No	Radius		Type	Resol.	Accu- racy	Base	Indica- tor range	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Memory	WIRELESS	USB
	Range																			
	mm	inch																		
1250512007	5-1500	0,2-80"	internal & external	1	0,4-1	10,30,60,100	13	•	•	•	•	•	•	•	•	•	•	•	•	•
1250513007	5-4000	0,2-160"				10,30,60,100,200		•	•	•	•	•	•	•	•	•	•	•	•	•
1250515007	40-7500	2-300"				40, 200	50	•	•	•	•	•	•	•	•	•	•	•	•	•
1250516007	40-15000	2-600"				40, 300		•	•	•	•	•	•	•	•	•	•	•	•	•
1250517007	5-15000	0,2-600"				10, 40, 300		•	•	•	•	•	•	•	•	•	•	•	•	•

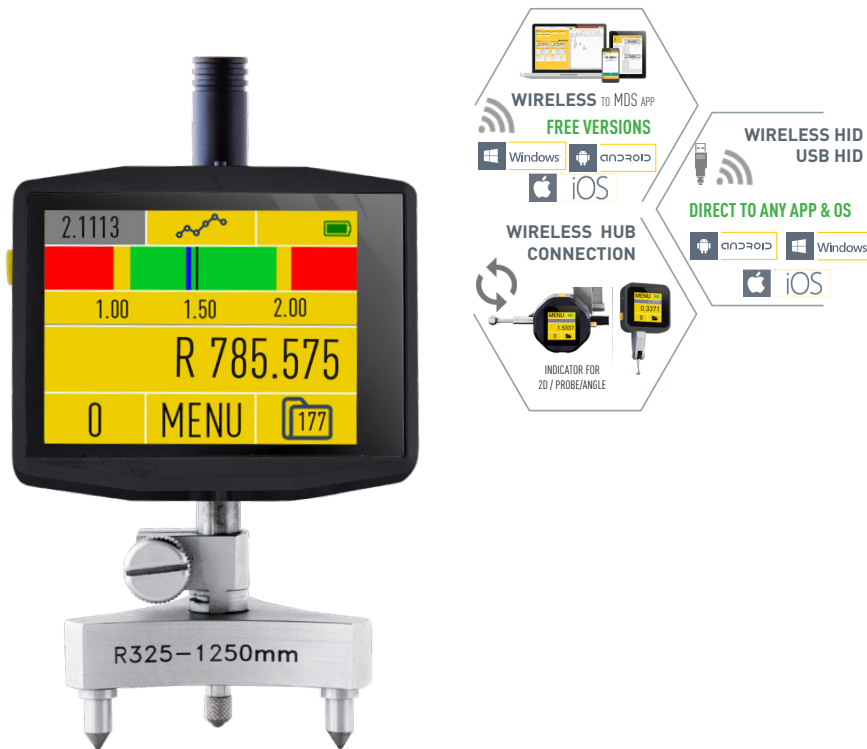
MODBUS DataMet RADIUS GAUGES

Item No	Radius		Type	Resol.	Accu- racy	Base	Indica- tor range	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP	
	Range																								
	mm	inch																							
1250511017M	5-60	0,2-1,2"	internal & external	1	0,4-1	10	13	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option	
1250511007M	40-1000	2-48"				40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1250511117M	250-7500	10-300"				200	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1250511127M	500-15000	20-600"				300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•

DELIVERY SET

OPTIONAL

- Sphere radius gauges for external & internal measurings
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



Item No	Radius		Type	Resol.	Accu- racy	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Memory	WIRELESS	USB
	Range																			
	mm	inch																		
1250711206	320-1250	13-30"	sphere	1 μm	1 %	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



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MDS app ANDROID



DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING
CABLE



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



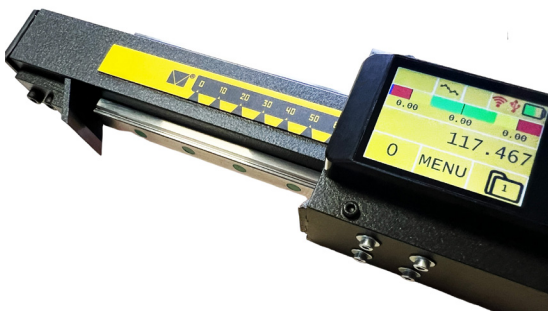
MDS DISPLAY UNIT



MDS SOFTWARE



- **WIDE RANGE** Radius gauges for external measurements up to 32m
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Memory manager: 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))



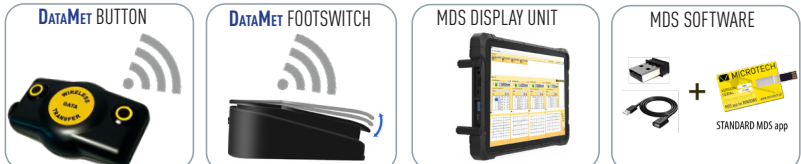
Item No	Radius		Type	Reso- lution	Base length	Accuracy	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB		
	Range																							
	mm	inch																						
1250530256	60-2550	2.5-100"	external	1	600	0,1%	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update		
1250531156	100-11200	4-450"			1200		•	•	•	•	•	•	•	•	•	•	•	•	•				•	•
1250533356	200-32200	8-1290"			2000		•	•	•	•	•	•	•	•	•	•	•	•	•				•	•



DELIVERY SET



OPTIONAL



- **CertiMet** digital protractor 0-360° with 0.005° resolution and fine adjustment
- Bases 150 and 300mm
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution				Accuracy	Fine adj.	Base
		grad	sec of arc	grad	rad	min of arc		
151136051	0-360°	1/6' (10")	0.005°	-	-	±4'	•	150, 300

DELIVERY SET



- **DataMet** Computerized Protractor 0-360° with **MICS** indication system and fine adjustment
- Bases 150 and 300mm
- **Min Resolution 0.005°** (0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Resolution		Accuracy		Fine adj.	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
		grad	sec of arc	grad	rad	min of arc	wheel															
151136055	0-360°	1/12" (5")	0.005°	0.0001	±3'	•	150, 300	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
151136055M	0-360°	1/12" (5")	0.005°	0.0001	±3'	•	150, 300	•	•	•	•	•	•	•	•	•	•	•	•	•	0	0

DataMet interface

CONNECTION possibilities

MODBUS protocol

VIDEO

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

USB DATA/CHARGING CABLE

CALIBRATION PROTOCOL

OPTIONAL

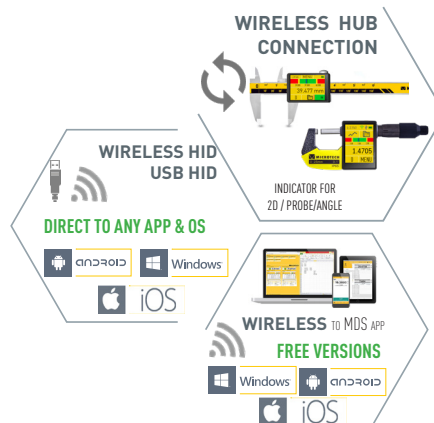
DataMet BUTTON

DataMet FOOTSWITCH

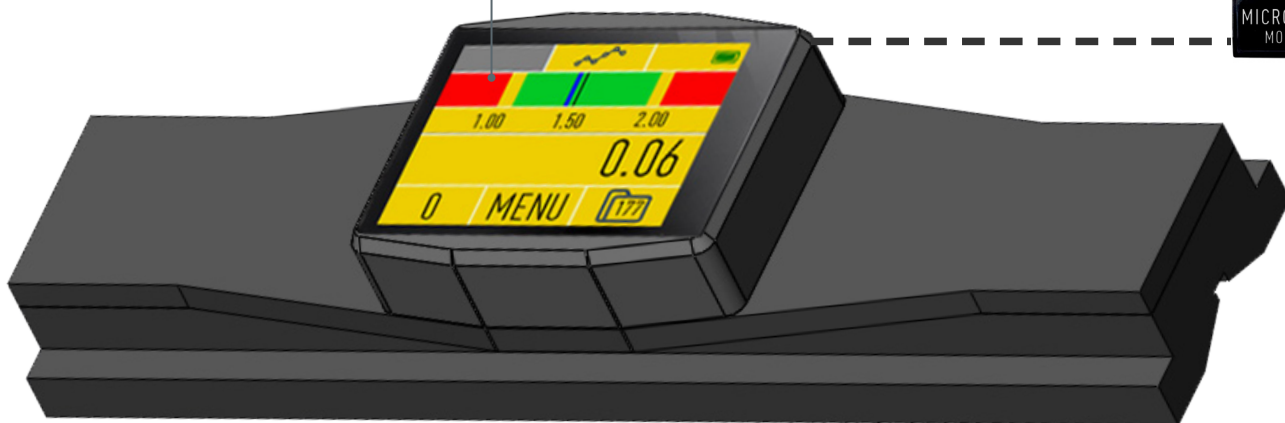
MDS DISPLAY UNIT

MDS SOFTWARE

TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- **DataMet** Computerized level with **MICS** indication system with 2,4" color Touchscreen
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification **MODBUS** RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet HORIZONTAL LEVEL

Item No	Axis	Base		Range		Resolution		Flat-ness	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
		Size	material																				
		mm		mm/m	grad	mm/m	grad	mm/m															
152110020	2	200	steel	± 1	±45,00°	0.05	0.005°	0.005	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
152110030		300							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS DataMet HORIZONTAL LEVEL

Item No	Axis	Base		Range		Resolution		Flat-ness	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
		Size	material																							
		mm		mm/m	grad	mm/m	grad	mm/m																		
152110020M	2	200	steel	± 1	±45,00°	0.05	0.005°	0.005	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
152110030M		300							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option



DataMet
interface



CONNECTION
possibilities

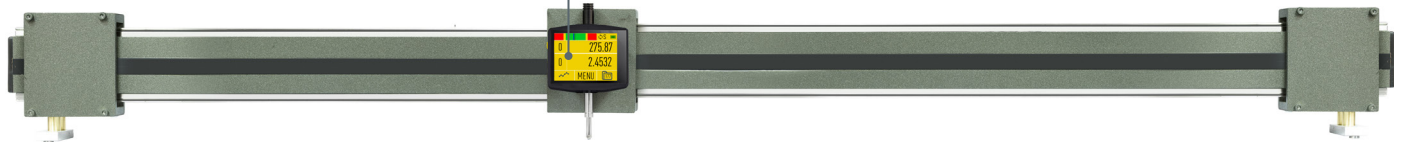
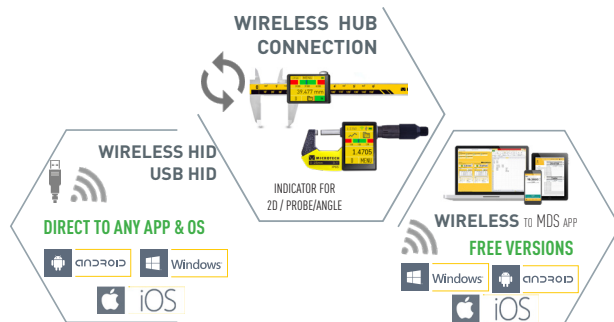
DELIVERY SET



OPTIONAL



TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY

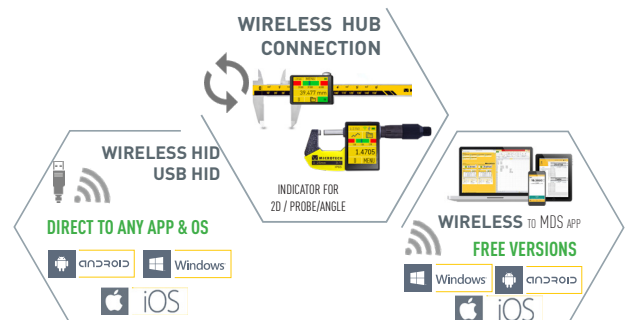


0,1µm

CONTACT Z-AXIS DataMet INDICATOR



TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY



NON CONTACT Z-AXIS RED LASER



CUSTOM RANGE FOR REQUEST

- 2D Macro-Profile computerized stand
- CONTACT and NON-CONTACT RED LASER modifications
- Different ranges and modifications for customers request
- Computerized **MICS** indication system Modification with Long range Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Calibration certificate included (ISO17025 (Ilac MRA))

2D MACRO-PROFILE DataMet STAND

Item No	Axis	Range		Resolution		Accuracy		Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
		X	Z	X	Z	X	Z													
		mm	mm	mm	mm	mm	mm													
27720900	2D	0-900	0-12	0,01	0.0001		±0,002	7.0	●	●	●	●	●	●	●	●	●	Folders / 2000	Long range	USB HID /
27721800	2D	0-1800	0-12	0,01			±0,002	11.5	●	●	●	●	●	●	●	●	●			
27722800	2D	0-2800	0-25	0,01			±0,004	20.5	●	●	●	●	●	●	●	●	●			
27723800	2D	0-3800	0-50	0,01			±0,006	24.5	●	●	●	●	●	●	●	●	●			

2D LASER MACRO-PROFILE DataMet STAND

Item No	Axis	Range		Resolution		Accuracy		Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
		X	Z	X	Z	X	Z													
		mm	mm	mm	mm	mm	mm													
27720907	2D	0-900	0-8	0,01	0.001	±0,030		7.0	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
27720908	2D		0-40		0.001			7.2	•	•	•	•	•	•	•	•	•			
27721807	2D	0-1800	0-8		0.001	±0,060		11.5	•	•	•	•	•	•	•	•	•			
27721808	2D		0-40		0.001			11.7	•	•	•	•	•	•	•	•	•			
27722807	2D	0-2800	0-8		0.001	±0,100		20.5	•	•	•	•	•	•	•	•	•			
27722808	2D		0-40		0.001			20.7	•	•	•	•	•	•	•	•	•			
27723807	2D	0-3800	0-8		0.001	±0,160		24.5	•	•	•	•	•	•	•	•	•			
27723808	2D		0-40		0.001			25	•	•	•	•	•	•	•	•	•			



DataMet
interface



CONNECTION
possibilities



VIDEO



DOWNLOAD
MDS app WINDOWS

Windows



DOWNLOAD
MDS app iOS, MacOS

macOS
iOS



DOWNLOAD
MDS app ANDROID

android

DELIVERY SET



OPTIONAL

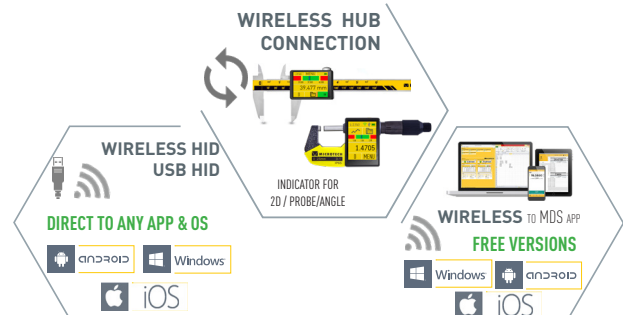


- Pipe straightness control stand
- Different ranges and modifications for customers request
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PAT.UA521681
PAT.UA140992

CUSTOM RANGE FOR REQUEST



Item No	Axis	Range		Resolution	Accuracy		Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
		X	Z		X	Z													
		mm	mm		mm	mm													
27520900	2D	0-900	0-12	0,0001	±0,040	±0,002	10	•	•	•	•	•	•	•	•	•	•	•	•
27521100		0-1100			±0,050	±0,002	12	•	•	•	•	•	•	•	•	•	•	•	•
27521800		0-1800			±0,080	±0,002	15	•	•	•	•	•	•	•	•	•	•	•	•
27522100		0-2100			±0,090	±0,002	19	•	•	•	•	•	•	•	•	•	•	•	•
27522800		0-2800			±0,120	±0,002	35	•	•	•	•	•	•	•	•	•	•	•	•
27523100		0-3100			±0,130	±0,002	39	•	•	•	•	•	•	•	•	•	•	•	•
27523800		0-3800			±0,170	±0,002	51	•	•	•	•	•	•	•	•	•	•	•	•

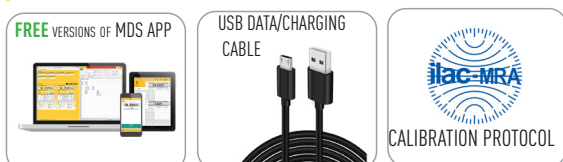


DataMet
interface

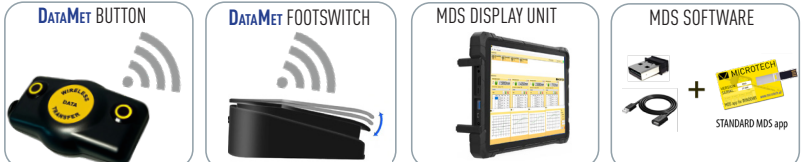


CONNECTION
possibilities

DELIVERY SET



OPTIONAL



- Manual bottle form control stand
- Different modifications for customers request
- Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- Calibration certificate included (ISO17025 (Ilac MRA))



0,1µm

CUSTOM RANGE FOR REQUEST



Item No	Range	Max bottle height	Resolution	Accuracy	Rotary fixture	Quick clamp	Control		Data output
	mm	mm	mm	mm			Parallelism	Perpendicularity	
254910000	20-100	310	0,0001	±0,040	•	•	•	•	WIRELESS +USB



DataMet interface



CONNECTION possibilities



DOWNLOAD MDS app WINDOWS

Windows



DOWNLOAD MDS app iOS, MacOS

macOS iOS



DOWNLOAD MDS app ANDROID

android

DELIVERY SET

FREE VERSIONS OF MDS APP



USB DATA/CHARGING CABLE



CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



STANDARD MDS app

- **MANUAL CONTACT** or **MOTORIZED LASER** NON-CONTACT Form control stand
- Different modifications for customers request
- **SWISS** reading system with **0.5 MICRON** resolution (0,0005/0,001/ 0,01/ 0,1 adjust)
- **MANUAL** or **MOTORIZED** moving with 3 speed and AUTO measuring mode mode
- Modification with **RED LASER** displacement sensor for 2D measurings/ANGLE measurings/PROBE mode
- Modification with **MICRON** resolution **RED LASER** displacement sensor with response time up 4KHz, range up to ±60m
- Bi-directional measuring
- Optional manual or motorized Rotating table with fixtures
- **DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID**, **USB HID** direct to any app

MANUAL CONTACT FORM CONTROL DataMet STAND

Item No	Range		Rotating table	Accuracy		Manual	Data output
	Z	X		Z	X		
	mm	mm		µm	µm		
255503011	0-300	0-13	optional (manual or motorized)	±8	±2	•	WIRELESS +USB
255503021		0-25		±8	±2	•	
255506021	0-600	0-25		±12	±2	•	
255506031		0-50		±12	±4	•	
255506041		0-100		±12	±6	•	
255509021	0-1000	0-25		±16	±2	•	
255509031		0-50		±16	±4	•	
255509041		0-100		±16	±6	•	
255509051		0-150		±16	±8	•	

MOTORIZED LASER NON-CONTACT FORM CONTROL DataMet STAND

Item No	Range		Rotating table	Accuracy		Motorized	Remote panel	Data output
	Z	X laser		Z	X laser			
	mm	mm		µm	µm			
255503013	0-300	±4	optional (manual or motorized)	±8	±10	•	optional	WIRELESS +USB
255503023		±20		±8	±20	•		
255506023	0-600	±4		±12	±10	•		
255506033		±20		±12	±20	•		
255506043		±60		±12	±60	•		
255509023	0-1000	±4		±16	±10	•		
255509033		±20		±16	±20	•		
255509043		±60		±16	±60	•		



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Windows



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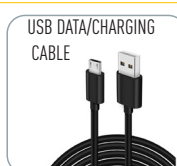
macOS
iOS



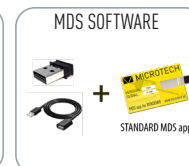
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android

DELIVERY SET



OPTIONAL



- Bearing control stand KIA, SIA, KEA
- Completing with 3pcs indicators (Computerized or Digital), 3 magnetic stands, set of Weights for internal & external bearing control
- Digital or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



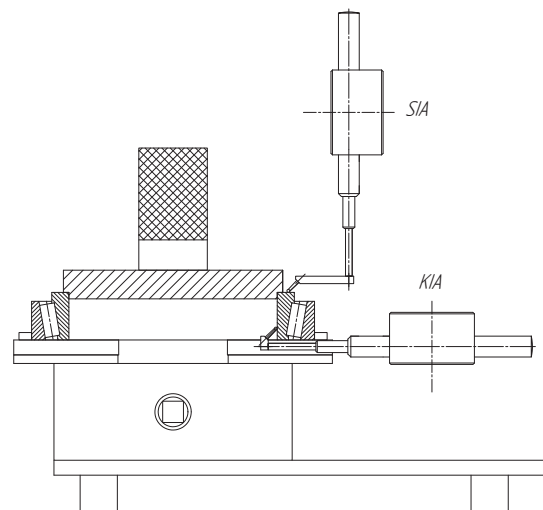
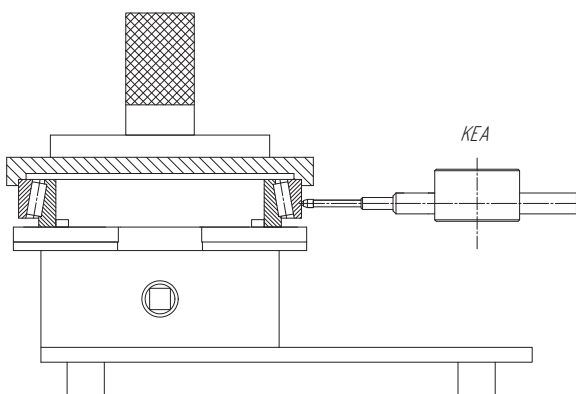
PhotoBearing®

CUSTOM RANGE FOR REQUEST

Item No	Range		Resolution	Repeatability	Weights		Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	internal	external			internal	external												
	SIA KIA	KEA			SIA KIA	KEA												
255500001	mm	mm	0,001	0,005	10-40N	12-40N	•											•
255500007	20-200	10-140	0,0001		22pcs	23pcs	•	•	•	•	•	•	•	•	•	•	•	•



VIDEO



- Wheel rims runout measuring stand for wheels diameter 15-24"
- Completing with 4pcs indicators (Computerized or Digital)
- Digital or Computerized **MICS** indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



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MDS app WINDOWS



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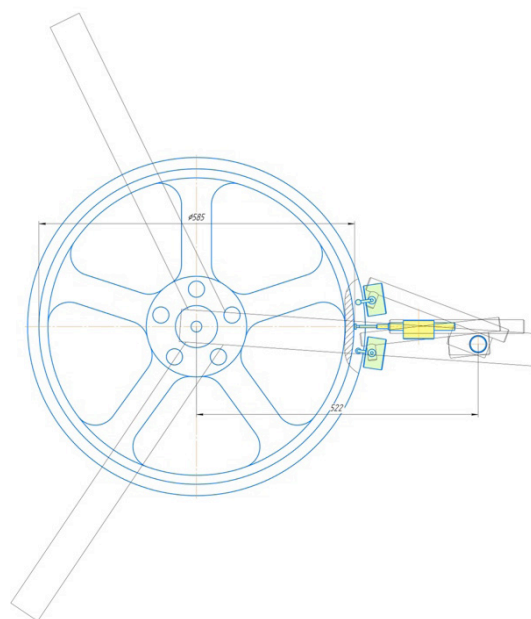
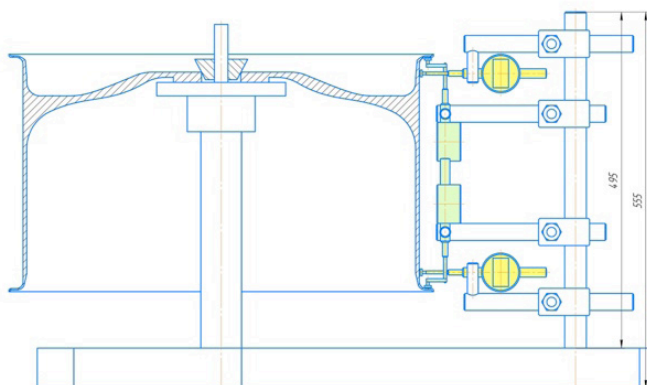


DOWNLOAD
MDS app ANDROID



CUSTOM RANGE FOR REQUEST

Item No	Disk D	Height rims	Resolution	Accuracy	Quick clamp	Indication		Go/NoGo	Max/Min	Memory	Data output
	inch	mm	mm	mm		type	qty				
255913247	15-24	20-35	0,0001	±0,050	•	Computerized	4pcs	•	•	•	WIRELESS +USB

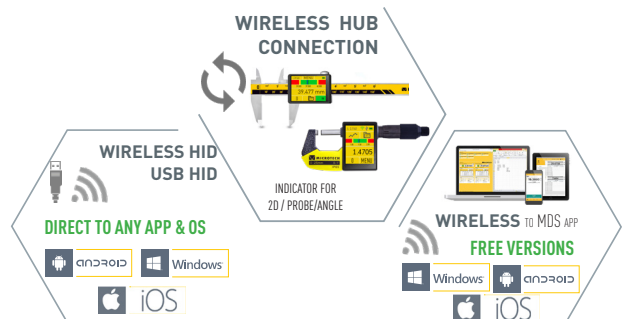




TAPE DRUM

FORCE GAUGE FOR TENSILE LOAD 50N

CUSTOM RANGE FOR REQUEST



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	Formula
GRAPHIC MODE 10/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Manual calibration stands for ruler & tape calibration
- High resolution 7" LED microscope
- Patents UA147069, UA151330
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- Measuring HUB: Wireless MICROTECH instrument connection, 2D mode,
- Memory manager: 2000 values, Folders system, Statistics mode,
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

RULER DataMet CALIBRATOR

Item No	Range		Reso- lution	Accuracy	Micro- scope	Ruler magnetic fixator	Roll sliding system	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	mm															
258010003	0-1000	0-40"	0,01	±0,010+L/65	LED 7 inch	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
258020003	0-2000	0-80"		±0,015+L/50		•	•	•	•	•	•	•	•	•	•	•			
258030003	0-3000	0-120"		±0,020+L/40		•	•	•	•	•	•	•	•	•	•	•			

RULER&TAPE DataMet CALIBRATOR

Item No	Range		Reso- lution	Accuracy	Micro- scope	Ruler magnetic fixator	Tape drum	Force gauge	Roll sliding system	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	mm																	
258010005	0-1000	0-40"	0,01	±0,010+L/65	LED 7 inch	•	max 50m tape	Digital 50N	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
258020005	0-2000	0-80"		±0,015+L/50		•			•	•	•	•	•	•	•	•	•	•			
258030005	0-3000	0-120"		±0,020+L/40		•			•	•	•	•	•	•	•	•	•	•			



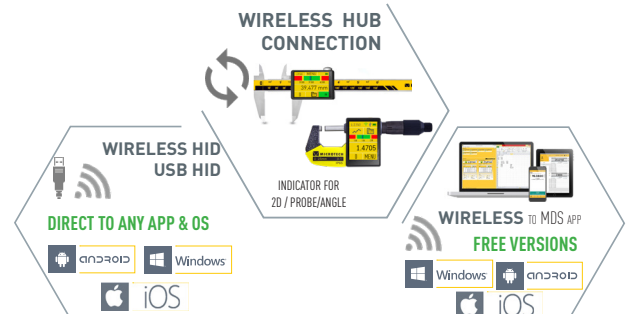
DELIVERY SET



OPTIONAL



ACCORDING DIN 2270 FOR
LEVER INDICATORS



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Manual **DataMet** Vertical and Horizontal calibration stands for dial, digital and lever indicators
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

HORIZONTAL INDICATOR CALIBRATION STAND

Item No	Range		Resol	Micrometer head		Calibrated device						Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	IISR
				Range	Accur.	Non-Rotating	dial indicator (res 0.1mm)	dial indicator (res 0.01mm)	dial indicator (res 0.001mm)	digital indicator (res 0.01mm)	digital indicator (res 0.001mm)													
	mm	inch	mm	μm																				
25111027	0-25	0-1"	0,0001	25	±1.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
25111051	0-50	0-2"	0,0001	50	±1.8		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
25111057			0,0005	50	±2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

VERTICAL INDICATOR CALIBRATION STAND

Item No	Range		Resol	Micrometer head		Calibrated device							Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
				Range	Accur.	Non-Rotating	dial indicator (res 0.1mm)	dial indicator (res 0.01mm)	dial indicator (res 0.001mm)	digital indicator (res 0.01mm)	digital indicator (res 0.001mm)	dial test indicator (res 0.01mm)													
	mm	inch	mm																						
25113050	0-50	0-2"	0,0001	50	±1.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
25113057			0.0005		±2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•


DataMet
interface

CONNECTION
possibilities

VIDEO
VERTICAL

VIDEO
HORIZONTAL

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macOS
iOS

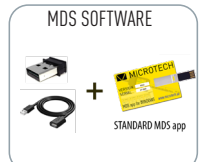
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android

DELIVERY SET



OPTIONAL





0,1µm

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Manual **DataMet** Universal calibration stands for dial, digital indicators with 0.01mm resolution and bore gauges
- Measuring range up to 1000mm
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution selecting,
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Calibrated devices	Range		Resol	Micrometer head		Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
		mm	inch		Range	Accur.													
251113007	Indicators & Bore gauges	0-300	0-12"	0,0001	25	±2	•	•	•	•	•	•	•	•	•	•	•	•	•
251115007		0-500	0-20"				•	•	•	•	•	•	•	•	•	•	•	•	•
251119007		0-1000	0-40"				•	•	•	•	•	•	•	•	•	•	•	•	•



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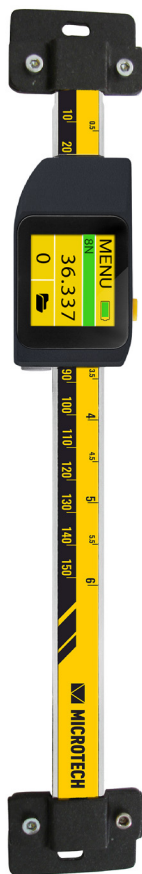
DELIVERY SET



OPTIONAL



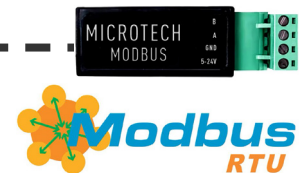
TABLET MULTIFUNCTIONAL **MICS**
2.4" TOUCHSCREEN DISPLAY



WIRELESS READING
SCALES CONNECTION



OPTIONAL MODBUS ASCII, MODBUS TCP/IP



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted F **DataMet** ORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- INTERNAL Force sensors for Push-Pull Force measuring up to 500N
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request
- Calibration certificate included (ISO17025 (Ilac MRA))

DataMet FORCE GAUGE

Item No	Range			Reso- lution	Accu- racy	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	kg	lbF																		
225170017	1-10	0,1-1	0.2-2	0,001	0.3	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID /
225170057	1-50	0,2-5	1-11,5			•	•	•	•	•	•	•	•	•	•	•	•	•			
225170107	2-100	0,5-10	1-22,5			•	•	•	•	•	•	•	•	•	•	•	•	•			
225170507	5-500	1-50	2-112			•	•	•	•	•	•	•	•	•	•	•	•	•			

MODBUS DataMet FORCE GAUGE

Item No	Range			Reso- lution	Accu- racy	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	N	kg	lbF																					
225170017M	1-10	0,1-1	0.2-2	0,001	0.3	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000	Long range	USB HID /	•	•	•
225170057M	1-50	0,2-5	1-11,5			•	•	•	•	•	•	•	•	•	•	•	•	•				•	option	option
225170107M	2-100	0,5-10	1-22,5			•	•	•	•	•	•	•	•	•	•	•	•	•				•	option	option
225170507M	5-500	1-50	2-112			•	•	•	•	•	•	•	•	•	•	•	•	•				•	option	option



DataMet interface



CONNECTION possibilities



MODBUS protocol



VIDEO



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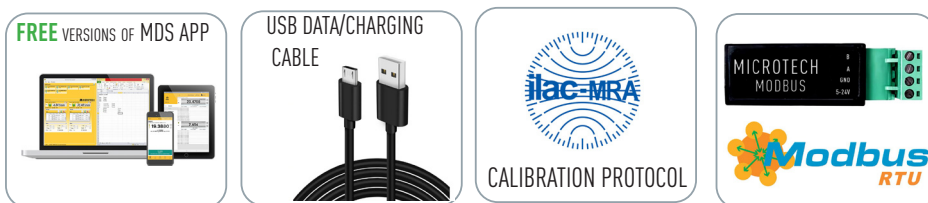
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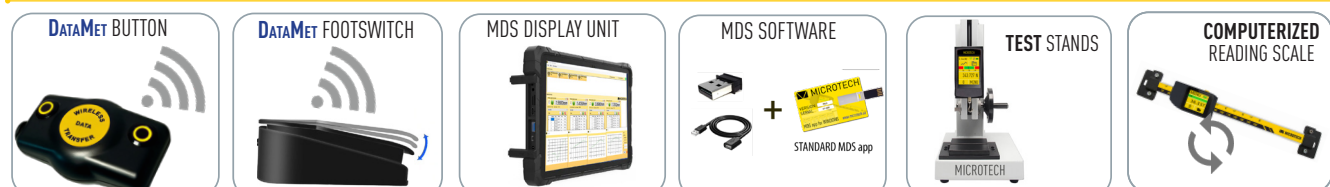
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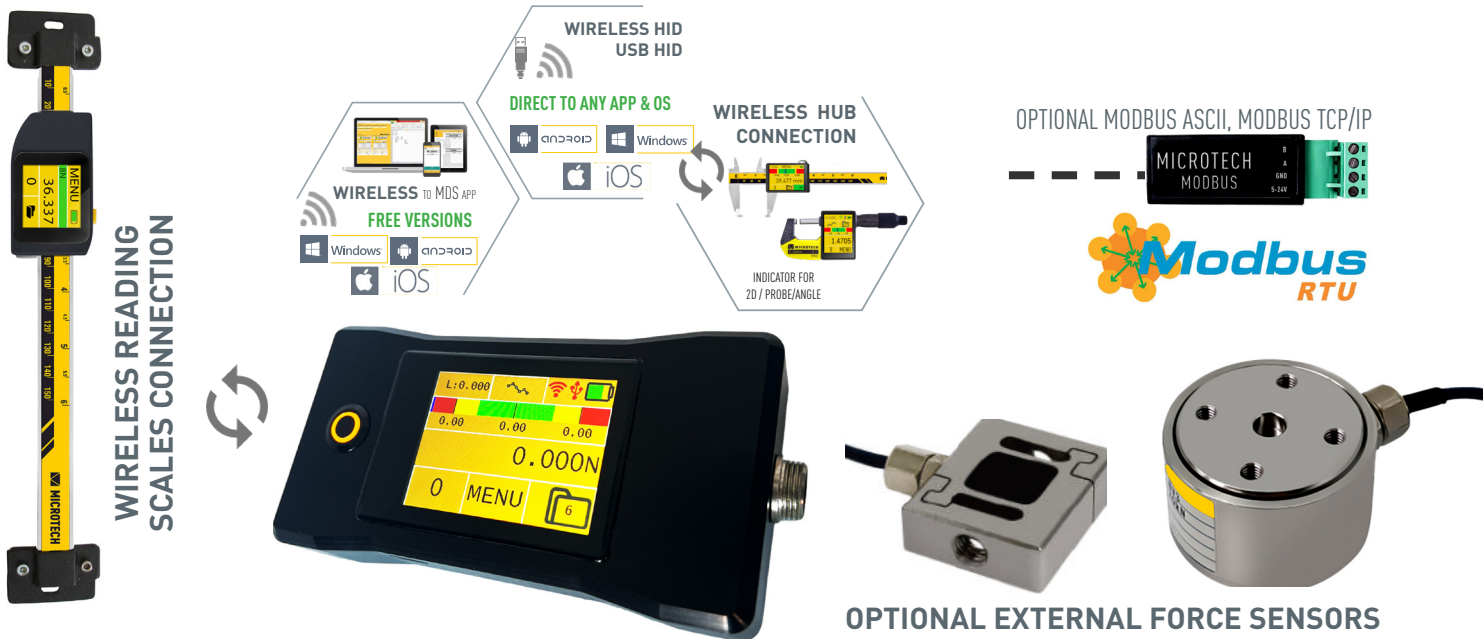
DELIVERY SET



OPTIONAL



- Industry 4.0 adopted **DataMet** FORCE GAUGE with computerized MICS system with 2,4" color Touchscreen
- EXTERNAL force sensors 100000N
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Modification MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- MODBUS ASCII, MODBUS TCP/IP for request
- Calibration certificate included (ISO17025 (Ilac MRA))

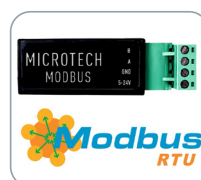
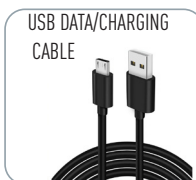


Item No	External sensors	Accu- racy	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
		%																			
225170707	1	0.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
225170707M	1		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0	0

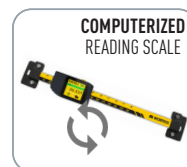
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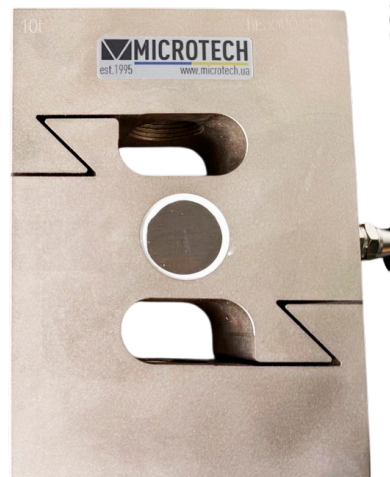


OPTIONAL



FORCE SENSORS S-TYPE PUSH-PULL

Item No	Type	Force			Linearity	Hysteresis	Repeatability	Dimension	Thread holes
		N	kg	lbf					
225110001	FSPP	1	0,1	0,23	0,05	0,05	0,05	16x19	2xM3
225171002		5	0,5	1,12					
225110003		10	1	2,25					
225110004		50	5	11,2					2xM4
225110005		100	10	22,5					
225110006		500	50	112					
225110007		1000	100	225	0,03	0,03	0,03	50x76	2xM12
225110008		5000	500	1120					
225110009		10000	1000	2250					
225110010		50000	5000	11200					
225110011		100000	10000	22500					


FORCE SENSORS ROUND-TYPE PUSH-PULL

Item No	Type	Force			Linearity	Hysteresis	Repeatability	Diameter	
		N	kg	lbf				Base	Load
225120001	FOPP	100	10	22,5	0,1	0,1	0,1	41	36
225120002		500	50	112					
225120003		1000	100	225					
225120004		5000	500	1120					
225120005		10000	1000	2250					
225120006		20000	2000	4500					

FOPP round sensor


FORCE SENSORS ROUND-TYPE PUSH

Item No	Type	Force			Linearity	Hysteresis	Repeatability	Diameter	
		N	kg	lbf				Base	Load
225130001	FOP	1000	100	225	0,2	0,1	0,1	50	13
225130002		5000	500	1120					
225130003		10000	1000	2250					
225130004		50000	5000	11200					16
225130005		100000	10000	22500					21

FOP round sensor





WIRELESS READING
SCALES CONNECTION



DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted Manual **DataMet** FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **DataMet FORCE tester included**
- Optional READING SCALE
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER**: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Load		Reso- lution	Range	Scale resolution	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB		
	N	lbF	N	mm	mm	kg															
278170056	500	112	0,001	180	-	25	•	•	•	•	•	•	•	•	•	•	•	•	•		
278170057					0,005		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
278170106	1000	225			-		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
278170107					0,005		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



VIDEO



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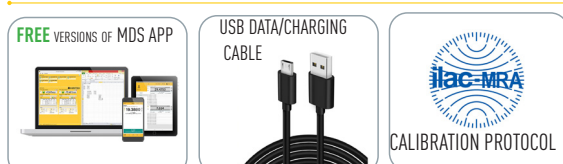
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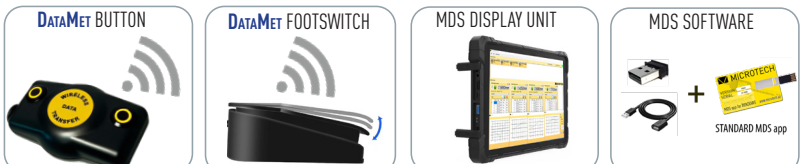
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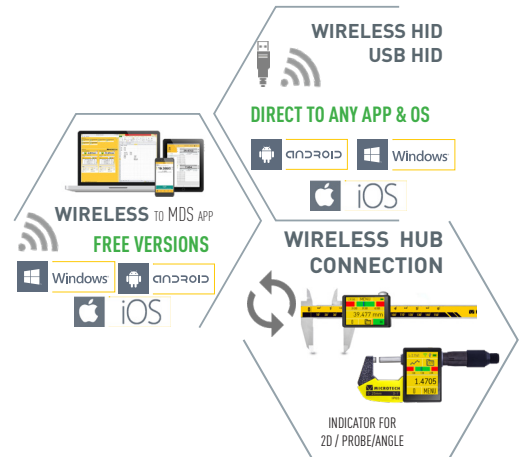
DELIVERY SET



OPTIONAL



WIRELESS READING
SCALES CONNECTION



DATA MET FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** Motorized FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **DataMet FORCE tester included**
- Optional READING SCALE
- Functions: On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- Measuring HUB: Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- Memory manager: 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Load		Reso- lution	Range	Scale resolution	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	lbF	N	mm	mm													
278170108	1000	225	0,001	700	0,005	•	•	•	•	•	•	•	•	•	•	•	•	•



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macOS
iOS



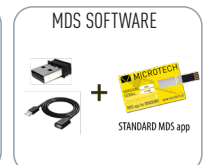
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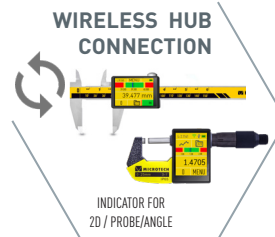
android

DELIVERY SET



OPTIONAL





CUSTOM RANGE FOR REQUEST

DATAmet FUNCTIONS

ANALOG SCALE	COLOR GO / NOGO	COLOR MAX / MIN / RANGE	TIMER	TOUCH PROBE SETTINGS	FORMULA Ax^2+Bx+C
GRAPHIC MODE 1D/2D	MEMORY 2000 values	FOLDERS mode	MEMORY STATISTICS	TEMPERATURE COMPENSATION	PASSWORD
DISPLAY & ENERGY	RESOLUTION, mm/inch	WIRELESS to MDS app	WIRELESS & USB HID	HUB mode (2D, Probe)	DEVICE INFO, UPDATE

- Industry 4.0 adopted **DataMet** Manual Hydraulic FORCE tester with computerized MICS system with 2,4" color Touchscreen
- **DataMet FORCE tester included**
- Optional READING SCALE
- Measuring range up to 100000N
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- Calibration certificate included (ISO17025 (Ilac MRA))

Item No	Load		Reso- lution	Range	Scale	Weight	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	N	LbF	N	mm		kg													
235152017	10000	2250	1	120	option	105	•	•	•	•	•	•	•	•	•	•	•	•	•
235152057	50000	11250		140		195	•	•	•	•	•	•	•	•	•	•	•	•	•
235152107	100000	22500				280	•	•	•	•	•	•	•	•	•	•	•	•	•



DataMet
interface



CONNECTION
possibilities



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MDS app ANDROID



DELIVERY SET



OPTIONAL





DATA MET FUNCTIONS



- **DataMet** SHORE durometer for different scales (A, C, D, F, 00)
- **Modification** with Interchangeable indentors
- **Functions:** On-line Graphic, Analog scale, Go/NoGo, Max/Min, Formula, Timer, Linear correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER:** WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC, USB HID
- **Modification MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration certificate** included (ISO17025 (Ilac MRA))

DataMet SHORE DUROMETER

Item No	Shore Scale	Range	Resol	Indenter			Force	Measuring	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	
				Diameter	Indenting foot	Extension																	
		unit	unit	mm		mm	N																
21100101	A	0-100	0,01	1,40	35° truncated cone D=0,79mm	2,54	8,05	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	
21100102	C				30° cone R=0,1mm		44,45	•	•	•	•	•	•	•	•	•	•	•	•				•
21100103	D				1.20 mm spherical R		1,111	•	•	•	•	•	•	•	•	•	•	•	•				•
21100104	00			2,40				•	•	•	•	•	•	•	•	•	•	•	•				
21100105	F						0,55-4.3	•	•	•	•	•	•	•	•	•	•	•	•				•

MODBUS DataMet SHORE DUROMETER

Item No	Shore Scale	Range	Resol	Indenter			Force	Measuring HUB	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP				
				Diameter	Indenting foot	Extension																							
		unit	unit	mm			mm																			N			
21100101M	A	0-100	0,01	1,40	35° truncated cone	2,54	8,05	•	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	•	•	option	option		
21100102M	C				D=0,79mm		44,45	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•
21100103M	D				30° cone R=0,1mm		•	•	•	•	•	•	•	•	•	•	•	•	•	•								•	
21100104M	00			2,40	1.20 mm spherical R	1,111	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
21100105M	F						0.55-4.3	•	•	•	•	•	•	•	•	•	•	•	•	•								•	

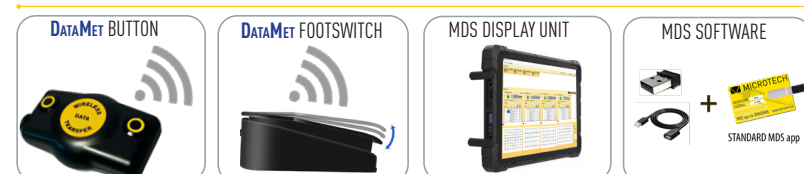
MULTISCALE DataMet SHORE DUROMETER SET

Item No	Shore Scale	Indenters	Measuring HUB	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
		pcs															
21100110	A,C	2	•	•	•	•	•	•	•	•	•	•	•	•			
21100111	A,D	2	•	•	•	•	•	•	•	•	•	•	•	•			
21100120	A,C,D	3	•	•	•	•	•	•	•	•	•	•	•	•			
21100100	A,C,D,00	4	•	•	•	•	•	•	•	•	•	•	•	•			
21100130	A,C,D,00, F	5	•	•	•	•	•	•	•	•	•	•	•	•			

DELIVERY SET



OPTIONAL



- Budget portable multiscale (HV, HB, HRA, HRB, HRC, HSD, MPA) hardness tester
- Calibration block included
- Internal memory 500 val, multiscale, LCD contrast display with backlight
- Calibration certificate included (ISO17025 (Ilac MRA))



UNIVERSAL PORTABLE HARDNESS TESTER TPU-1

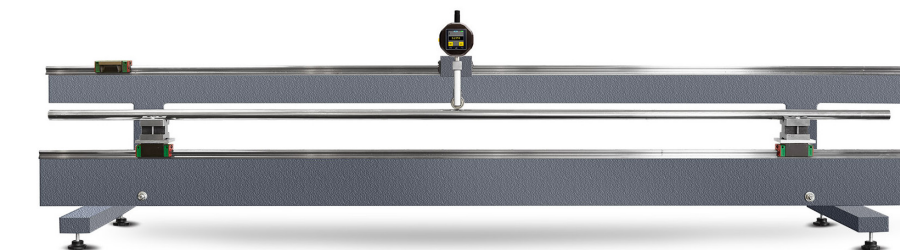
Item No	21100001
Scales	HV, HB, HRA, HRB, HRC, HSD, MPA
Accuracy	±5 HL
Internal memory	500 values
Rockwell Scales	HRA, HRB, HRC
Display	160x128 TFT LCD with backlight
Connection	USB Type-C
Power supply	3xAAA battery
Dimensions	154mm×82mm×26 mm
Weight	0,25 Kg
DELIVERY SET	Digital display, Impact D, Calibration block, USB cable, Calibration certificate

DELIVERY SET

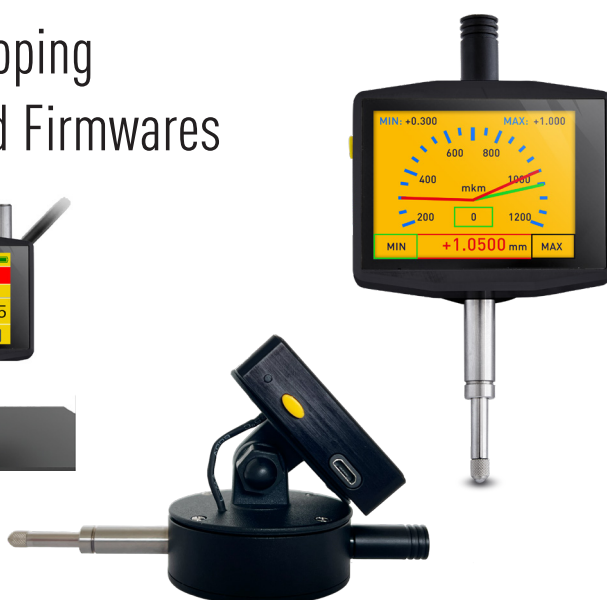


SERVICES

Developing and manufacturing custom characteristics and configuration measuring instruments and stands according customers requests



Researching and Developing customized devices and Firmwares



Aftersales calibration service
IEC/ISO 17025 Ilac



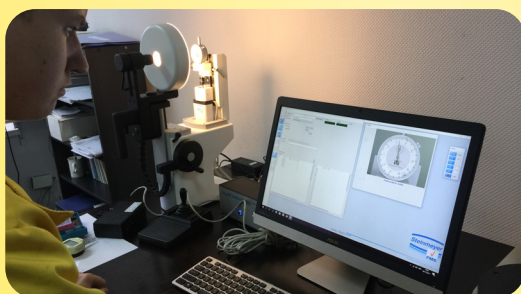
30TH ANNIVERSARY



MANUFACTURING ISO9001:2015



CALIBRATION ISO17025:2017



**150+ PATENTS
US, UA, WO**



 **MICROTECH** est. 1995
UKRAINIAN CREATIVITY - EUROPEAN RELIABILITY

MICROTECH Ukraine www.microtech.ua
(manufacturing, R&D, calibration, sales, service)
04080, Ukraine, Kyiv, Nizhneyurkovska str., 45a
61001, Ukraine, Kharkiv, Rustaveli str. 39

MICROTECH Europe GmbH www.microtech.tools
(R&D, sales, service)
46446, Germany, Emmerich, Parkring str. 45

