



Available in
6 axes for more
accuracy

BACES 7 AXES
Measuring arm
2.6 m to 4.6 m

- ▶ Lightweight and stable structure
- ▶ Contact and non-contact measurement
- ▶ Temperature compensation

BACES
THE ECONOMIC
SCANNING SOLUTION

Kreon

MEASURING ARM BACES 7 AXES

The Baces measuring arm has an internal calibration ensured by an aluminium and carbon fiber mechanical structure, making it extremely lightweight and stable.

▶ PRODUCT ADVANTAGE

A lightweight structure for longer scanning

The range of Zephyr and Solano scanners is compatible with the Baces 7-axis arm. Its lightness allows to scan longer and without effort.

Temperature compensation

The Baces arm is a portable solution which is used either in metrological department or in the workshop. The

temperature probes fit the measurements in reference to temperature variations.

To reach a high level accuracy in probing, the Baces arm exists also in 6-axis version.

Probing and scanning software: Metrolog, Polyworks, Geomagic, Powerinspect, Capps, etc.



▶ TECHNICAL SPECIFICATIONS

Baces 7 axes

Baces 6 axes

| | Arm model | Working volume | Probing performances* | | Scanning performances | Probing performances* | |
|-----------|-----------|----------------|----------------------------|---------------------|-----------------------|----------------------------|---------------------|
| | | | Single point repeatability | Volumetric accuracy | Baces 7 axes + Solano | Single point repeatability | Volumetric accuracy |
| SERIE 100 | M | 2.6 m | 0.035 mm | 0.052 mm | 0.075 mm | 0.028 mm | 0.044 mm |
| | G | 3.2 m | 0.058 mm | 0.077 mm | 0.095 mm | 0.045 mm | 0.064 mm |
| | XG | 4.2 m | 0.084 mm | 0.110 mm | 0.132 mm | 0.072 mm | 0.097 mm |
| | XL | 4.6 m | 0.108 mm | 0.139 mm | 0.153 mm | 0.094 mm | 0.120 mm |
| SERIE 200 | M | 2.6 m | 0.050 mm | 0.080 mm | 0.110 mm | 0.040 mm | 0.065 mm |
| | G | 3.2 m | 0.076 mm | 0.100 mm | 0.130 mm | 0.068 mm | 0.095 mm |
| | XG | 4.2 m | 0.112 mm | 0.230 mm | 0.260 mm | 0.098 mm | 0.210 mm |
| | XL | 4.6 m | 0.136 mm | 0.370 mm | 0.400 mm | 0.120 mm | 0.350 mm |

All specifications are subject to change without notification

* According to ASME B89 4.22

The Baces arm is available in series 100 (more accurate, with carbon fiber tubes) and series 200 (more competitive, with aluminium tubes). The scanning speed of Solano makes 40 000 points per second.

▶ HARDWARE SPECIFICATIONS

Operating temperature range: 10-45 °C

Power supply: universal worldwide voltage 100-250V

Humidity: 95%, non condensing - IP51

