



Kreon Baces is a portable measurement arm, designed to acquire 3 dimensional coordinates from points, curves and surfaces with simple user operations.

Kreon Baces is the ideal instrument for digitizing, reverse-engineering and metrology applications.

Kreon Baces has a guaranteed permanent lifetime calibration resulting from the mechanical design in aluminium and carbon fiber, aimed to obtain a light but stable structure.

Kreon Baces communicates with the PC through a USB direct link cable. Points data and commands for the software are made by a 3 buttons probe or by a foot pedal. A 7 axis with a handle can be added enabling the use of Kreon Zephyr or Solano laser scanner.

Kreon Baces arm is interfaced to numerous well known CAD/CAM, reverse-engineering and metrology software systems.

Kreon BACES

www.kreon3d.com

Anti-shock encoder covers to protect the sensors

Lightweight aeronautical aluminium structure

Carbon fiber tubes

Unlimited rotation on the main axis

Interchangeable probe with 3 buttons to use with standard ruby tips and with a Kreon Zephyr or Solano laser scanner



High precision bearings and titanium joints

An internal balance system with a force adjustment screw to make the arm light and easy to handle

USB standard cable connection

Various types of supports available: magnetic base, tripod, flange with clamps, customised supports

TECHNICAL SPECIFICATIONS

| | Measuring range (Diam.) | Repeatability (sphere test) | Volumetric accuracy |
|------------------------------|-------------------------|-----------------------------|---------------------|
| Série 100 'Carbone' | | | |
| M 100 / 6 axes | 2,60 m | 0,028 mm | 0,044 mm |
| M 100 / 7 axes | 2,60 m | 0,035 mm | 0,052 mm |
| G100 / 6 axes | 3,20 m | 0,045 mm | 0,064 mm |
| G100 / 7 axes | 3,20 m | 0,058 mm | 0,077 mm |
| Série 200 'aluminium' | | | |
| M200 / 6 axes | 2,60 m | 0,040 mm | 0,065 mm |
| M200 / 7 axes | 2,60 m | 0,050 mm | 0,080 mm |
| G200 / 6 axes | 3,20 m | 0,068 mm | 0,095 mm |
| G200 / 7 axes | 3,20 m | 0,076 mm | 0,100 mm |
| XG200 / 6 axes | 4,20 m | 0,098 mm | 0,210 mm |
| XL200 / 6 axes | 4,60 m | 0,120 mm | 0,350 mm |

HARDWARE SPECIFICATIONS

Operating temperature range: 10- 45 °C, 3 temperature probes allow an accurate compensation

Humidity: 95%, non-condensing

Power supply: Universal worldwide voltage: 100 – 250 V



The complete 3D scanning solutions



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