

TECNIMETAL



**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**

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
<b>Série 100 'Carbone'</b>			
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
<b>Série 200 'aluminium'</b>			
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



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