

Baces 3D 200 Series is a portable measurement device that can be used for a variety of manufacturing and design applications - including quality control and reverse engineering.

The Baces3D 200 Series is a manually operated 6 or 7-axis measurement device that, thanks to high precision sensors, allows you to measure the surface of real physical objects of any shape, size or material. By simply tracing the surface of any physical object with its stylus you will be able to have the exact coordinates of space transferred to your personal computer by USB serial link.

The measurement arm is carefully counterbalanced to allow effortless manipulation and, being made of light alloy, it is therefore easy to use. Whether you are reaching up and



over, or down and around, the counterbalanced Baces3D provides maximum access, while maintaining complete portability and reliability of accuracy.

The Baces3D's permanent lifetime calibration is guaranteed by the mechanical design in aluminum and carbon fiber, oriented to get a light but stable structure.

You can use the Baces3D arm with a common laptop or desktop PC. Baces3D arms communicate with a PC through a USB direct link cable. Points, data, and commands for the

software are made by three buttons on the probe or by foot pedals.



The Baces3D arm is integrated in many 3rd party CAD/CAM and metrology softwares such as Rhinoceros, Verisurf, DeSignWorks, TeZetCAD, and many others.

The Kreon Laser Scanner can also be mounted to collect point cloud data. [As shown] Baces3D is the ideal instrument for digitizing, reversengineering and metrology applications.

Baces3D Applications:

Quality Control, Inspection
measuring geometrical features
or comparing the CAD model with the real measured model using inspection metrology softwares

Reverse Engineering & Digitizing:
using common CAD modeling softwares (i.e. Rhino 3D)

Reverse Engineering class portable CMM								
Series 200 'LE - Aluminium'	Axis	Measuring Range (Dia.)	Repeatability		Volumetric Uncertainty		weight (base excluded)	
		In Feet	mm	In	mm	In	Kg	Lb
Baces3D M200 'LE'	5	7.87	0.07	0.0028	0.13	0.0051	3.6	7.93
Baces3D M200	6	8.53	0.060	0.0024	0.100	0.0039	3.6	7.93
Baces3D G200	6	10.50	0.080	0.0031	0.150	0.0059	3.8	8.38
Baces3D XG200	6	13.78	0.400	0.0157	0.350	0.0138	4.2	9.25



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