

Baces3D

is a portable

measurement arm that can be used for a variety of manufacturing and design applications - including quality control and measurement procedures.

Baces3D is a manually operated 5 or 6-axis measurement arm 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 measuring point you will be able to have the exact

coordinates of space transferred to your personal computer by RS232 serial link.

The measurement arm is carefully counterbalanced to allow effortless manipulation and, being made of light alloy, it is very light and 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.

Baces 3D is the ideal instrument for digitizing, reverse engineering 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 (L.e. Rhino-3D)

100 Series	Axis	Measuring Range (Dia.) In Feet	Volumetric Accuracy (2sigma)		Repeatability (best with cone or sphere)		Weight (base ex- cluded)	
			mm	in.	mm	in.	Kg	Lb.
M100/6	6	8.53	.060	.0024	.035	.0014	9.8	22
G100/6	6	10.50	.090	.004	.050	.002	10.4	23



888-502-0220

sales@measurementsupply.com