










iPrima - B

electronica
mechatronic systems

Prime Features

-  Servo motor drive system
-  0.1 Micron High resolution Optical Scale / 0.05 microns as option
-  High Machine Accuracy
-  Multi Sensor machine with Camera / TTP / Rotary 4th axis
-  Automatic Module changing rack interface as option
-  Motorized lens supplied as standard
-  Bridge type construction

Optional accesories.:



Renishaw TTP TP 20

- 5 Way touch trigger Probing
- Quick and repeatable magnetic joint
- SF / MF / EF modules available as option

Module Changing Rack MCR 20

- 6 Port Automatic Module Changing Rack
- Programmable through software

Rotary 4th Axis

- 360 Degree rotation.
- 3 Jaw Chuck for holding job.
- Resolution up to 0.36 Arcsec

Software (VMS / CMM Manager)

- Supports import & export of 3D models in IGES / STEP format
- Supports multi Sensors like Camera / Probe and Rotary System.
- Automatic Programming path definition.
- Multiple reporting format in txt, HTML, CSV, Pdf and graphical reporting

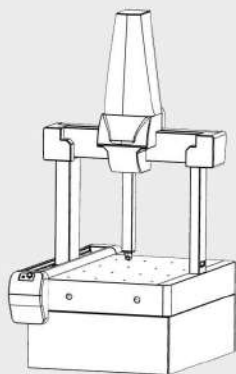
* Accuracy stated are at standard operating conditions Temperature : 20 Deg \pm 2 Deg

** Accuracy stated are with probing system at standard operating conditions Temperature : 20 Deg \pm 2 Deg

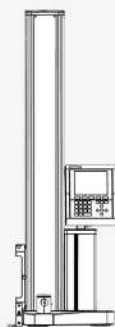
Rotary 4th Axis

	iPrima B 5040	iPrima B 6080	iPrima B 80100
Measuring Range - X Axis	500 mm	600 mm	800 mm
Measuring Range - Y Axis	400 mm	800 mm	1000 mm
Travel Range - Z Axis	200 mm	200 mm	200 mm
Machine Base	Granite		
Variants	CNC		
Machine Construction	Bridge type Frame Construction		
Video System	1. Standard: 1/3" High Resolution 1.3 MP Colour CMOS , GigE Camera (1280 x 1024) 2. Optional: 1/2.5" High Resolution 5 MP Colour CMOS , GigE Camera (2592 x 1944)		
Imaging Options	1. Standard: 1 : 6.5 x Magnification Motorized Lens 2. Optional: 1 : 12 x Magnification Motorized lens		
Scale Resolution	0.1 μ m as standard 0.05 μ m as option		
Lighting System	3 Rings, 4 Quad, 84 LED White Ring Light with Collimated Green LED Back light as standard		
*Accuracy (Exy)	\pm 2.5 + L / 175 μ m (Where "L" is Measuring Length in mm)		
**Accuracy (Ez)	\pm 3 + L / 100 μ m (Where "L" is Measuring Length in mm)		
Maximum Work Piece Weight	25 Kgs		

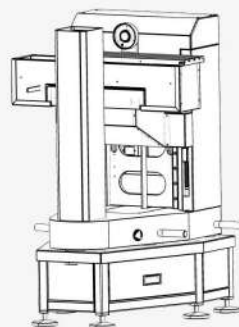
Our Product Range



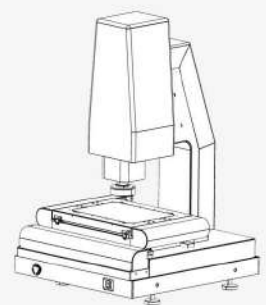
Co ordinate Measuring Machine



Digital Height Gauge



Horizontal Vision Measuring Machine



Vision Measuring Machine

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