

MIDLAND METROLOGY LTD

Digital Measuring Projector HB16-3015



Description

- Positive Image Optical System
- The machine is of welded construction.
- DP300 Geometric Digital Display. This readout is an external unit that displays both X and Y axes and the angular measurement.
- 10x Magnification Lens as standard. 20x and 50x also available.
- Mini Printer
- Foot Switch (Optional)

Machine Size

LxWxH 1360 x 580 x 1170mm
Weight: 260kgs

Illumination Source

Profile Illumination

12v 100w Tungsten Halogen Lamp

Surface Illumination

24v 150w Fibre Optic

Specifications	Digital Measuring Projector
Model	HB16-3015
Screen Diameter	425mm (Effective Dia. 400mm)
Rotating Range	0-360°
Angular Measurement	1 Minute
Rotation	
Rotation Accuracy	6 Minutes
Lenses	X10 (As Standard)
Size of Worktable	455 x 126mm
Travel of Table	X200 x Y50mm (80mm focusing)
Resolution of X and Y Axis	0.001mm / 0.0001"
Load Capacity of Table	5kg
Accuracy of X Axis and Y Axis	(4+L / 75mm)µm Length to be measured in mm
Helix Angle Adjustment	(+/-15°)

Magnification Power	10x	20x	50x
Object Visual Field (mm.)	Ø40	Ø20	Ø8
Object Working Distance (mm.)	103.9	95.1	65.7

Magnification Error +/-0.08%

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