

MIDLAND METROLOGY LTD

Digital Measuring Projector HB12-2010



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 1160 X 600 X 960mm

Weight: 180kgs

Illumination Source

Profile Illumination

12v 100w Tungsten Halogen Lamp

Surface Illumination

24v 150w Fibre Optic

Specifications

Digital Measuring Projector

Model	HB12-2010
Screen Diameter	330mm (Effective Range 30mm)
Rotating Range	0-360°
Angular Measurement	1 Minute
Rotation	
Rotation Accuracy	6 Minutes
Lenses	X10 (As Standard)
Size of Worktable	408 x 126mm
Travel of Table	X200 x Y100mm (75mm focusing)
Resolution of X and Y Axis	0.001mm / 0.0001"
Load Capacity of Table	5kg
Accuracy of X Axis and Y Axis	(3+L / 75mm)µm Length to be measured in mm
Helix Angle Adjustment	(+/-15°)

Magnification Power	10x	20x	50x
Object Visual Field (mm.)	Ø30	Ø15	Ø6
Object Working Distance (mm.)	77.7	44.3	38.4

Magnification Error: 0.08%

Web: www.midland-metrology.co.uk Email: sales@midland-metrology.co.uk

Telephone: 0044 (0) 2476 638280