

# Digital Measuring Projector HB12-2010



## Characteristics:

- Positive Image Optical System
- The Machine is of Welded Construction
- The digital readout is an external unit. This displays both X and Y Axes and the angular measurement.
- Mini Printer
- Foot Switch (Optional)

## Machine Size:

- L x W x H = 1160 x 600 x 960 mm.
- Weight : 180Kg.

## Illumination Source:

Profile Illumination  
12V 100W Tungsten Halogen Lamp

Surface Illumination  
21V 150W Fibre Optic

## Objective:

Specifications	Digital Measuring Projector
Model	HB12-2010
Screen Diameter	330 mm. (Effective Range 300 mm.)
Rotating Range	0-360 Degrees
Angular Measurement Resolution	1 Minute
Rotation Accuracy	6 Minutes
Lenses	X10 (As Standard)
Size of Work Table	408 x 126 mm.
Travel of Table	X200 x Y100 mm. (75mm focusing)
Resolution of X and Y Axis	0.001 mm./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%