

# Digital Measuring Projector HB16-3015



## Characteristics:

- Positive Image Optical System
- The Machine is of Welded Construction
- The Digital readout is an external unit (DP300).
- The digital readout displays both X and Y Axes and the angular measurement.
- Foot Switch (Optional)

## Machine Size:

- L x W x H = 1360 x 580 x 1170 mm.
- Weight : 260Kg.

## Illumination Source:

Profile Illumination  
12V 100W Tungsten Halogen Lamp

Surface Illumination  
21V 150W Fibre Optic

## Objective:

Specifications	Digital Measuring Projector
Model	HB16-3015
Screen Diameter	425 mm.(Effective Dia. 400 mm.)
Rotating Range	0-360 Degrees
Angular Measurement	1 Minute
Resolution	6 Minutes
Rotation Accuracy	6 Minutes
Size of Work Table	455 x 126 mm.
Travel of Table	X200 x Y50 mm. (80mm focusing)
Resolution of X and Y Axis	0.001 mm./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%