

# PROFILE PROJECTOR WITH DRO SYSTEM

## MODEL- LDP - 01

### Salient Features:

#### **Profile Projector 300mm with Digital Data Processor (LDP-01):**

Having 300mm Dia 360degree rotatable graduated screen with venire and 90 degree cross hair line providing high accuracy of linear and angular measurements through **DRO (Digital Read Out System)** having accuracy of 0.005mm, providing illumination of contour lamp 12V/100W and two surface (12v/35W)lamps, with four standard magnifications.

### Standard Features:

- ☑ X-Y Bed Size: 150mm X 150mm
- ☑ Travel X-Y movement (Standard) :50 X 50mm
- ☑ Linear Measurements: DRO with accuracy of 5 microns
- ☑ Angular Measurement: Manual, 360 degree graduated ring with venire of 1 minute arc
- ☑ Maximum size of object view : 28mm (dia)
- ☑ Working Distance: 50 mm (Under 10x magnification)
- ☑ Working Distance: 65mm (Under 20x,50x &100x)
- ☑ Two Standard Magnifications: 10x & 50x (Two)

### Specifications of DRO:

- ☑ Accuracy - 0.005mm
- ☑ Measurement of Radius & Centre of Circle
- ☑ No of axis - 2 axis
- ☑ Metric / inch conversion
- ☑ INC / ABS
- ☑ Liner error compensation
- ☑ Absolute / incremental counting
- ☑ Non volatile memory backup
- ☑ Power saving mode
- ☑ Display resolution 0.001mm, 0.005mm, 0.010mm, 0.1mm
- ☑ Compact size

### Optional Available At extra cost:

- ☑ Rotary encoder for Digital angle Measurement
- ☑ Accuracy of X-Y - 0.001mm
- ☑ Magnification of 20x OR 100x
- ☑ Data Processor Geometrical DRO
- ☑ 360 degree Rotary attachment on X-Y bed



Shri Engineering  
LIG 6/503,Kabir Nagar,Raipur  
Contact - 9979878092