

IAP OPP V3 Series of DRO's

Features :

- ◆ Inspection of 2D parts on optical profile projector & measuring microscope 2/3/4 axis configuration
- ◆ Accurate and time saving measurement algorithms
- ◆ High accuracy optical scale measuring system
- ◆ RS232 data output
- ◆ Optical edge sensor (optional)
- ◆ IR remote keyboard.
- ◆ Footswitch input (optional)
- ◆ 200 results storage memory
- ◆ Optional serial printer interface
- ◆ Extended features using dptools software for excel reporting
- ◆ Homming facility
- ◆ Non volatile memory backup
- ◆ Power saving mode
- ◆ Encoder direction select
- ◆ 0-9 keyboard
- ◆ High counting frequency up to 3.75 Mhz
- ◆ Settable display refresh time
- ◆ Linear error compensation
- ◆ Settable encoder resolution 0.1/ 0.01/ 0.05/ 0.005/ 0.001/ 0.0005/ 0.0001 mm
- ◆ Selectable display resolution 0.1/ 0.01/ 0.05/ 0.005/ 0.001/ 0.0005/ 0.0001 mm

Basic Functions

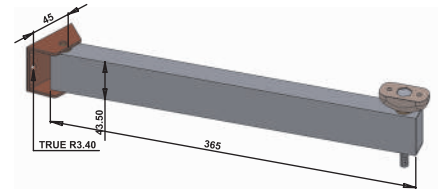
- ◆ Inch/mm conversion.
- ◆ ABS /Inc referencing.

2D Measurement Functions

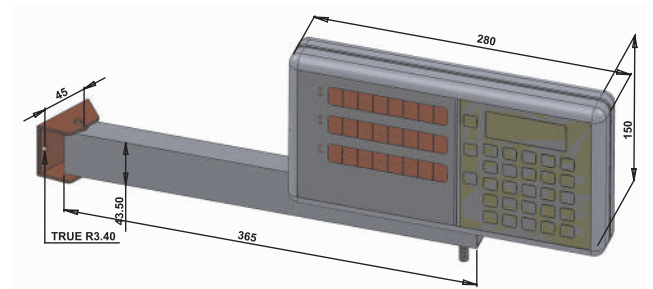
- ◆ Measurement of point / line / circle / arc / distance / angle / skew
- ◆ Construction of point / line / circle / distance / angle / skew using 2d functions.
- ◆ 2D origin setting
- ◆ Coordinate system rotation.
- ◆ Polar coordinate recall
- ◆ Determining centre point and diameter of index circle(pcd).



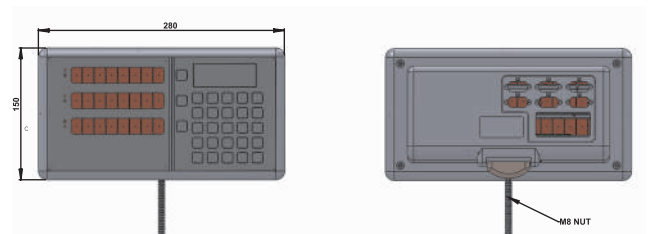
Mounting Drawings



Mounting Stand



Mounting Stand with DRO



DRO

Note : Due to continues R&D activities at our end, Specifications are subject to change without prior notice.