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INNOVATIVE AUTOMATION PRODUCTS

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

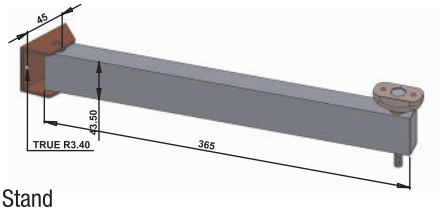
Basic Functions

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

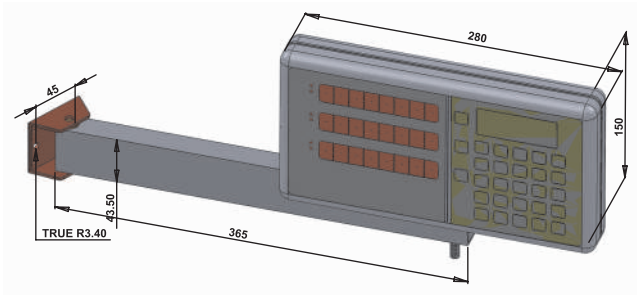
2D Measurement Functions

- 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).

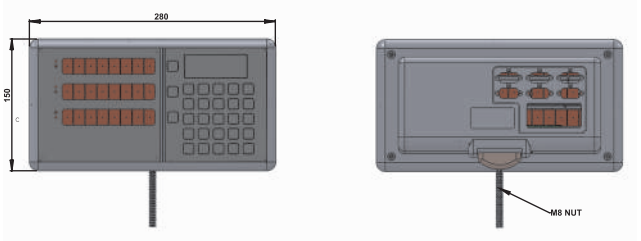
Mounting Drawings



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.

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