

DRO PEARL V4 SERIES



FEATURES

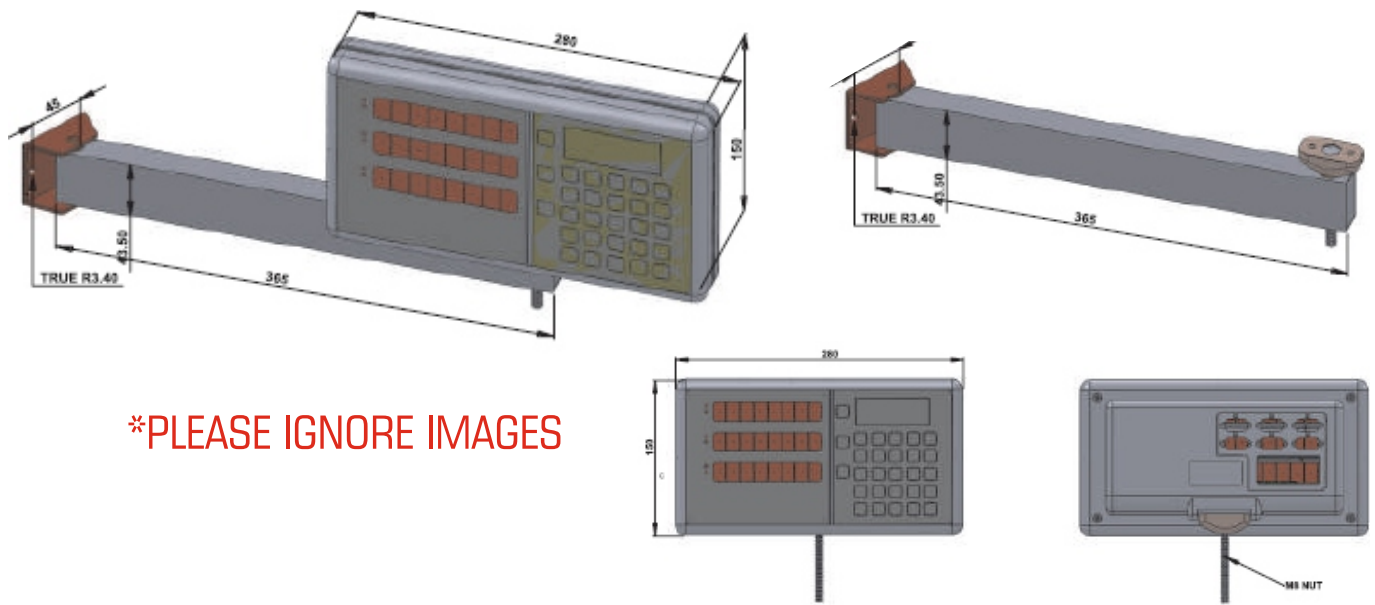
- † No of Axis: 1 Axis, 2 Axis, 3 Axis
- † Interactive message display
- † Metric / Inch conversion
- † Radius / diameter conversion
- † Preset
- † Zero Datum
- † Dimension define
- † Absolute counting
- † Machine reference
- † Homming facility
- † Bolt hole calculation(PCD drilling) up to 100 points
- † Non volatile memory backup
- † Power saving mode
- † Tool length offset compensation of 10 tools
- † Programming memory block of 100 steps
- † Calculator
- † Encoder direction select
- † Selectable display resolution 0.1 / 0.01 / 0.05 / 0.0005 / 0.001 / 0.0005 / 0.0001 mm / users defined
- † 0-9 keyboard
- † Halving function
- † Center of circle 99 points
- † Near zero warning beep
- † Linear encoders supported LE 2534, LE 1820, LE 3043, ME 2910, ME 2920, ME 6012
- † Scales and read heads
- † Datums upto 99

ADVANTAGES

- † Increased production
- † Good positional accuracy
- † Increased production safety
- † Easy assemble and functioning
- † Less operator fatigue
- † Die cast aluminium robust body
- † Economical

APPLICATION: DRO's can be fitted on any conventional machines either new or old such as

- † Center lathe
- † Milling machine
- † Horizontal boring machine
- † Vertical turret lathes
- † Cylindrical grinder
- † Tool presetter
- † Special purpose machines
- † Length measuring fixtures



***PLEASE IGNORE IMAGES**

SMALL BATCH PRODUCTION

To enable you to machine directly from the dimensions in the drawing, digital readouts offer the following support:

- ✦ Switching between absolute / incremental dimensioning
- ✦ Radius / diameter switching (for lathes)
- ✦ Functions for fast reference point acquisition.
- ✦ Program store / recall for fast production of repetitive machining of small batch quantities.

IAP Series of Linear Encoder

The highly accurate & reliable linear encoders from Innovative directly measure the movements of the axis slides & convert them into electrical measuring signals. These signals are calculated by the IAP series of DRO's, which display position of slides. Back lash, play in machine slides does not affect the accuracy of the displayed position values. Supports signals for Linear Encoders Signals other than standard IAP series of scales with 5 V TTL quadrature waveform.

*Note: Due to continuous R & D activities at our end, specifications are subjected to change without prior notice.