

IAP Spark V2 Series of DRO's



Features :

- ◆ No of axis : 3 Axis
- ◆ Interactive message display
- ◆ Metric/linch conversion
- ◆ Radius/Diameter conversion
- ◆ Preset
- ◆ Zero datum
- ◆ Dimension define
- ◆ Absolute/Incremental counting
- ◆ Machine reference
- ◆ Homming facility
- ◆ Bolt hole calculation(PCD drilling) upto 99 points
- ◆ Non volatile memory backup
- ◆ Power saving mode
- ◆ Programming memory block of 99 steps
- ◆ Calculator
- ◆ Encoder direction select
- ◆ Selectable encoder resolution 0.001mm, 0.005mm
- ◆ Selectable display resolution 0.001mm, 0.005mm, 0.010mm, 0.1mm
- ◆ 0-9 Keyboard
- ◆ Halving function
- ◆ Center of circle
- ◆ Near zero warning beep
- ◆ Relay output to stop sparking current of EDM machine after target depth is achieved
- ◆ Sensitivity adjustment to achieve highest accuracy of depth cutoff relay setting.
- ◆ 3Z mode specifically designed to show depth set, depth achieved and target depth to go for EDM machines
- ◆ Linear encoders supported LE 2534, LE 1820, LE 3043, ME 2910, ME 2920, ME 6012 Read Heads & Scales

Advantages :

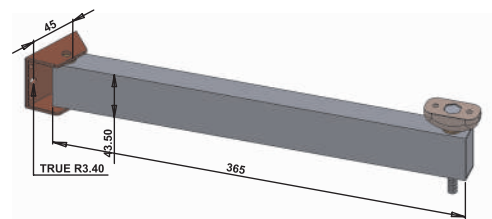
- ◆ Good positional accuracy
- ◆ Auto EDM operation
- ◆ Less operator fatigue
- ◆ Die cast alluminium robust body
- ◆ Economical
- ◆ Robust power supply design specifically designed to work in electrical conditions of spark erosion machines

Applications :

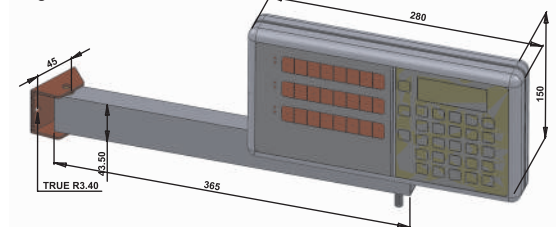
- ◆ DRO's can be fitted on any conventional machines either new or old such as
- ◆ Spark erosion machines
- ◆ Spark erosion drilling machines

Mounting Drawings

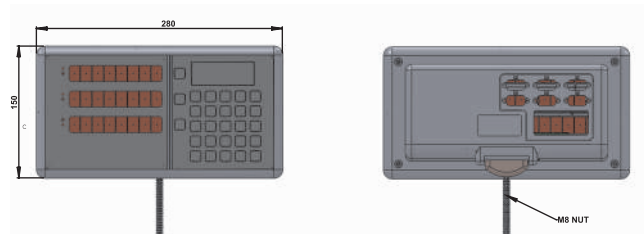
Mountigs Stand



Mounting Stand with DRO



DRO



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