


## EL25

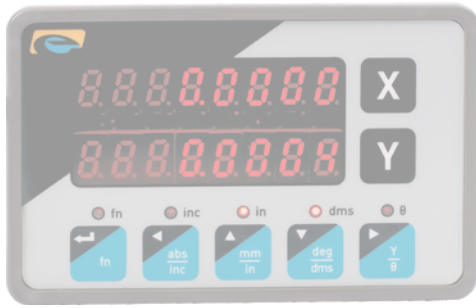
Compact and cost-effective solution for precise measurement









- Ergonomic and compact design with panel mounting option
- Basic functions such as Circle and Distance measurement
- Interfaces standard Optical and magnetic RS422 digital encoders
- RS232 communication for serial printer, Result backup and service port for software update
- Linear error compensation for linear axes available
- Backup memory for 50 results
- CE and  approved
- Manufactured to ISO 9001:2015 standard



# EL25 Metrology DRO



## Measurement Functions

-  Axis set / reset
-  Absolute / incremental counting mode
-  Inch / mm mode
-  DD.DEC / DD.MM.SS mode for  $\theta$  axis
-  Circle measurement
-  Distance measurement

## Specifications

Power Supply	External AC-DC adapter, I/P - 100 VAC to 240VAC O/P - 5VDC, 3A
Display	7 segment 0.31" size display 2 axis display with $\theta$ axis display switchable with Y axis
Resolutions	User selectable 0.1 $\mu$ m, 0.2 $\mu$ m, 0.5 $\mu$ m, 1 $\mu$ m, 2 $\mu$ m, 5 $\mu$ m, 10 $\mu$ m, 20 $\mu$ m, 50 $\mu$ m (Relative to transducer scale input)
Encoder Input	3 axes X, Y, $\theta$ , Digital RS422 encoder
Keyboard	Tactile keyboard
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Relative Humidity	20% to 80% Non-condensing
Net Weight	Approx. 300 gram
Dimensions	96mm (Length) X 59mm (Width) X 42mm (Depth)
Power Consumption	8 watt max.
Panel cut out dimensions	96.5mm X 59.5mm
Encoder consumption	150 mA (each axis)

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Owning to continuous product Research & Development, design specifications are liable to change.

Dealer Stamp

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