





# EL250





Precise Measurement never been easier






- 👁 Ergonomic and compact design
- 👁 Graphic LCD display for better viewing
- 👁 Feather touch keyboard for easy and durable performance
- 👁 Basic operations like point, line, distance, circle & angle
- 👁 Linear and non-linear machine error compensation
- 👁 Memory storage of 50 results
- 👁 Job rotation or skew functionality
- 👁 Foot pedal support for operator comfort
- 👁 RS232 communication for serial printing & report backup
- 👁 CE and  approved
- 👁 Manufactured to ISO 9001:2008 standard

	X	69.736
	Y	60.079
	Q	89.50.00




Circle function

	Result no. 06
	X 69.737
	Y 33.806
	∠ 179.59.59

Angle Function

	X ·	69.736
	Y ·	16.191
	Q	89.50.00

Skew Mode







	X	69.736
	Y	60.079
	Q	89.50.00

Absolute/Incremental Mode



# EL250 Metrology DRO

## Measurement Functions

-  Line measurement
-  Distance measurement
-  Skew measurement
-  Point measurement
-  Circle measurement
-  Angle measurement

## Specifications

Operating Voltage & Input Frequency	External AC-DC adapter, I/P - 100 VAC to 240VAC, 0.5A, 50/60 Hz O/P - 5VDC, 3A
Display	Graphical LCD
Resolution	User selectable 0.5µm, 1µm, 2µm, 5µm, 10µm, 20µm, 50µm (Relative to transducer scale input)
Transducer Input	RS422 Digital quadrature
Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to 70°C
Relative Humidity	20% to 80% Non-condensing
Net Weight	1.3 kg
Dimensions	220 mm X 180 mm X 80 mm
Power Consumption	8 watt max.
Measurement	2 / 3 Axis (X, Y - linear, Q - angular)
Error Compensation	For individual axis - LEC / SLEC
Touch Sensing Keyboard	For ease of operation
USB Communication	For software update purpose
RS232 Communication	For result printing on thermal printer or result backup on PC using RS232 terminal
Encoder current (max)	150 mA (each axis)



**Electronica Mechatronic Systems (I) Pvt. Ltd.**  
 Unit No. 37 & 44, Electronic Co-op. Estate, Pune-Satara Road,  
 Pune 411009 India  
 Tel.: +91-20-2422 4440, 2422 2293 Fax: +91-20-2422 1881  
 Email: [enquiry@electronicaems.com](mailto:enquiry@electronicaems.com) [www.electronicaems.com](http://www.electronicaems.com)

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

Dealer Stamp