

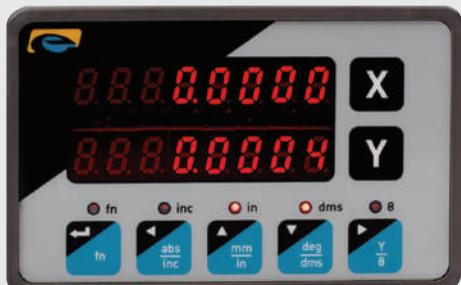
# PROFILE PROJECTOR

## VERTICAL (TABLE - TYPE)



SPECIFICATIONS	METZ -200 T.T	METZ- 300 T.T SUPREME	METZ – 400 T.T SUPREME		
SCREEN	Glass screen with 90° cross line Fitted with graduated rotary ring (0-360°) operated by knob, L.C. 1min.				
SCREEN SIZE	200mm	300mm	400mm		
Lens AXIS	Vertical	Vertical	Vertical		
OPTICS (Standard)	10X	10X	10X		
Optional	20X, 50X,	20X, 50X,	20X, 50X,		
(Mount)	Screw Mount	Screw Mount	Screw Mount		
WORKSTAGE SIZE	150mm X 150mm	310mm X 210mm	310mm X 210mm		
MEASURING RANGE	25mm X 25mm	200mm X 100mm	200mm X 100mm		
(Optional)	N.A.	X-Axis upto 400mm, Y-Axis upto 200mm			
FOCUSING - Manual	90mm	90mm	90mm		
LINEAR MEASUREMENT	Micrometers	Built-in Glass Scale	Built-in Glass Scale		
RESOLUTION	5µm	5/1/0.5µm	5/1/0.5µm		
MEASURING SYSTEM	Micrometers	D.R.O. / PC based Software			
PROJECTION ACCURACY	±0.05% (Contour / Surface)				
ILLUMINATION (Contour)	24V/150W halogen lamp, illumination control with condenser unit provide light as per lens				
(Surface)	Twin 24V/150W Halogen lamp provides shadowless light on optical axis				
STAND	Pedestal stand with storage				
COOLING SYSTEM	Fan				
POWER SUPPLY	110/220V AC, 50/60Hz				
OPTIONAL ACCESSORIES	Rotary Table, V-block, Centre Holding Device				

# DRO FOR PROFILE PROJECTORS



EL 25

- Ergonomic and compact design with panel mounting option
- Basic functions such as Circle and Distance measurement
- Interfaces standard Optical and magnetic RS422 digital encoders
- Linear error compensation for linear axes available
- RS232 communication for software update.
- CE and RoHS approval
- Manufactured with ISO 9001:2015 standard
- Backup memory for 50 results.

The EL250 is an advanced digital readout system for performing three axes (two linear and one angular) geometrical measurement at very high level of precision and accuracy.

EL250 DRO offers simultaneous display of all three axes, along with quick reset keys. For linear axes, it has linear and segmented calibration options.

#### Functions:

- Line Measurement
- Distance Measurement
- Skew Measurement
- Point Measurement
- Circle Measurement
- Angle Measurement



EL 250



EL 500

The EL550 is an advanced digital readout system for performing three axes (two linear and one angular) geometrical measurement at very high level of precision and accuracy.

Its precise measurement identifies correct rejections. It reduces operator fatigue and provides faster inspection, enhancing productivity.

EL550 offers standard measurement functions and variety of constructions. Additionally it offer result backup utility and DXF export function.

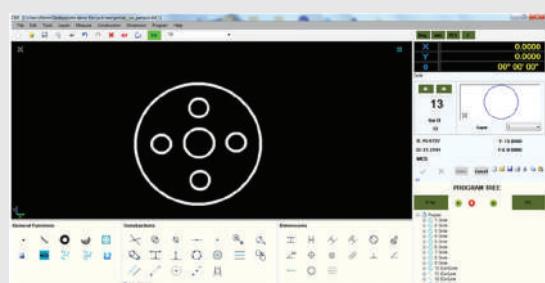
#### Measurement Function

• Line Measurement	• Point Measurement
• Distance Measurement	• Circle Measurement
• Skew Measurement	• Angle Measurement
• Wonder Function	

#### Constructions

- Point
- Line
- Circle

CMS2000 is a PC based measuring software specially design for profile projector applications.



#### Functions

- Basic features like Point, Line, Arc, Circle measurements
- All construction features available for constructing a Point, Line and Circle
- Direct Dimensioning like Cad software is possible directly on the measured features
- Dimensions for Distance, Radius / Diameter, Angle are possible
- Dimensioning for True Position, Concentricity, Parallelism, Perpendicularity, Angularity, Straightness, Circularit and Symmetricity are also possible.
- X, Y and Theta Axis DRO display available with single click reset feature available
- Easy program and run facility available
- Tolerancing and SPC facility available for batch inspection and analysis
- DXF import / export facility available
- Automatic edge detection facility available as option
- Report generation in Graphical format, Tabular format,tabular dimensions and SPC report available