

OPTICAL COMPARATOR

PV600 /PROFILE PROJECTOR

Enhanced Optical Performance

- Vertical Light Path
- Tracing of Images
- Hood and Curtain
- Digital Read Out/Geometric
DRO/Software PC based
Measurement System



PV600 /PROFILE PROJECTOR TECHNICAL SPECIFICATION

Model	PV600
Screen	600 mm diameter
Lens Axis	Vertical
Electronic Protractor	Switchable Degree / Decimal, 1 Minute / 0.01 Degree Display Range: +/-360 Degree, Abs/Inc, Zero Setting
Magnification Std.	10X
Optional Magnification	20X, 50X, 100X with Bayonet Mount
On Screen Accuracy	+/- 0.05% On Profile And Surface
Work stage Table Top Area	680 X 280 mm, Two T-Slots, X and Y Axis, Quick Release
Measuring Range X/Y Axis	250 X 175 mm
Focusing	110 mm
Dimensions	1570 X 2010 X 1990 mm(LXBXH)
Resolution	0.001 mm
Measurement Accuracy	2+(L/100) Microns
Measuring System	Built In Linear Encoders
Advanced Digital Read Out	Zero Setting, inch/mm, abs/inc, X, Y Angles, Lines, Distances, Circles, Skew
Illumination	All Bulbs Independently Fan Cooled. High Intensity twin Beam Direct Surface Illumination with Intensity Controllers For variable Background / Foreground Lighting
Profile Lamp	One 250 W, 24 V
Surface Lamp	Two 250 W 24 V
Ambient Conditions	10 to 40 Degrees Celcius
Power Supply	100/240V AC, 50/60 Hz, AC 1 Phase, 800 W
Weight	500 Kg (Approx)
Optional Accessories	Geometric Data Processor, Fibre Optic Auto Edge Detector, Software PC Based Measurement System, Rotary Table, Inclinable Centers, V-Block with Clamps, Motorized Vertical Traverse

***Specifications are subject to change with changes in design**