

# OPTICAL COMPARATOR

PH350/PH450 NEO /PROFILE PROJECTOR

## Enhanced Optical Performance

- Horizontal Light Path
- All Steel Construction
- Tilting Lamp House
- Color Image
- Three Lens Turret
- Twin Beam Surface Illumination



# PH350/PH450 NEO /PROFILE PROJECTOR TECHNICAL SPECIFICATION

Model	PH350	PH450
Screen	350 mm diameter	450 mm diameter
Lens Axis	Horizontal	
Electronic Protractor	Switchable Degree / Decimal, 1 Minute / 0.01 Degree Display Range: +/-360 Degree, Abs/Inc, Zero Setting	
Magnification Std.	10X (3 Station Turret for Safety, Ease of Use)	
Optional Magnification	20x, 50x	
On Screen Accuracy	+/- 0.05% On Profile And Surface	
Work stage Table Top Area	400 X 125 mm,Two Dovetail Slots, Quick Release	400 X 160 mm,Two Dovetail Slots, Quick Release
Measuring Range X/Y Axis	200 X 100 mm	300 X 150 mm
Focusing	50 mm	70 mm
Dimensions	1120 X 450 X 1070 mm(LXBXH)	1130 X 500 X 1200 mm(LXBXH)
Resolution	0.001 mm	
Measurement Accuracy	2+(L/100) Microns	
Measuring System	Built In Glass Scales	
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 150 W, 24 V	One 250 W, 24 V
Profile Lamp	Two 150 W 24 V	Two 250 W 24 V
Ambient Conditions	10 to 40 Degrees Celcius	
Power Supply	100/240 V AC, 1 PHASE, 50/60HZ, 550 W	100/240 V AC, 1 PHASE, 50/60HZ, 800 W
Weight	130 Kg (Approx)	140 Kg (Approx)
Optional Accessories	Pair Of V Blocks With Centres, Vertical Work-Piece Holder, Pedestal Stand, Geometric Data Processor, Fibre Optic Auto Edge Detector, Software Pc Based Measurement System	

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