



# Vertical Profile Projector With Digital Readout System

## PB- A SERIES



### **BANBROS ENGINEERING PVT. LTD.**

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The Precision Measurement People

## Description:

PB-A series is a bench top Vertical Profile Projector system equipped with Digital Readout System. It is suitable for all types of measurements and inspections in different industries and institutions.

Its multilayer coated Projection lenses provide high transmission and optimum contrast suitable for contour and surface in dimensional measurements and surface inspections.

## Silent Features:

- Vertical illumination system.
- Cooling fan provided to avoid overheating.
- Lens magnification Standard 10x,(Optional- 20x, 25x, 50x, 100x.)
- Useful for checking parts between centre.
- Heavy parts can be placed on work-stage easily

**PB-A Series** has been specifically manufactured to check small and thin components that are directly placed on the work- stage. It is widely used for plastic, sheet metal parts, electronic and rubber specimens, these Vertical Profile Projector are a preferred choice in the Indian market.

## Technical Specifications:

Model No	PB-12A	PB-16A	PB-20A	PB-24A
Magnification	10X	10X	10X	10X
Work Stage	350 mm X 250 mm	350 mm X 250 mm	350 mm X 250 mm	350 mm X 250 mm
Travel	200X100mm	220X120mm	220X120mm	220X120mm
Screen diameter	300 mm	400 mm	500 mm	600 mm
Angle reading	360 deg. Graduated ring			
Illumination	24V-150W halogen bulb			
Lens Mounting	Turret type			
Accuracy	0.05% on Diascopic 0.10% on Epidia	0.10% on Diascopic 0.15% on Epidia		
	Electronic regulator to control light intensity.			
	Focusing assembly fully covered with bellows to protect it from dust			
	Fine rotation knob for 360-graduated ring.			

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## Digital Readout System specifications:

- No of axis - 1 axis, 2 axis, 3 axis (Rotary)
- Metric / inch conversion
- INC / ABS
- Liner error compensation
- Absolute / incremental counting
- Non volatile memory backup
- Power saving modes
- Encoder direction select
- Display resolution 0.001mm, 0.005mm, 0.010mm, 0.1mm
- Centre of circle & radius measurement
- Liner encoders supported LE2534, LE1820, LE3043, ME 2910, ME6012 Read
- Small size
- DEG / DMS for rotary axis
- 3rd axis rotary in 3 axis model
- 1 axis rotary model available (PMDRX)

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