



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# BENCHTOP VERTICAL PROFILE PROJECTOR



- **VALUE**
- **VERSATILITY**
- **PERFORMANCE**

**PB-300**

**DESCRIPTION:**

**PB-300** is a bench type Projector suitable for all types of measurements and inspections at 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. Its unique rigid pedestal system facilitates vibration free handling of components.

Wide choice of accessories enhances the scope of applications in various fields. It incorporates both Epi & Diascopic illuminators designed on halogen bulb system to ensure brilliant projection on **300mm dia** fine ground glass screen rotatable 360 with Vernier reading to 1min. of an arc. The screen has cross and detachable clips to hold comparator charts. Its precision micrometre measuring stage is fitted with Rotary measuring stage. It operates on ball bearing guides fine micrometre reading to 0.01mm. Lifelong smooth movement is assured by the incorporation of hard steel rolling balls both in longitudinal and transverse slides. The basic instrument is supplied with 10X, a multi element coated projection lens. Projection accuracy 0.1% in case of contour and 0.15 % in case of surface is provided. Accurate magnification, maximum luminosity, great contrast, uniform resolution to the edge of the screen, freedom from distortion of the image.

**TECHNICAL SPECIFICATIONS:**

Model No	PB-300
Magnification	10X
Work Stage	150mm X150mm
Travel	50X50mm
Screen dia	300 mm
Working Distance	Contour-65mm, Surface-65mm
Illumination	Contour - 24V-150W Surface - 12V-100W
Power Supply	20V/50Hz
Cooling	Build-in noiseless and vibration free fan motors
Glass Stage Dia.	70mm, Micro Head-Standard 0-25mm (Imported) with resolution 0.01mm
Dimensions	50 x 80 x 100cm
Weight	75Kgs. (Approx.)