



# VERTICAL PROFILE PROJECTOR WITH DIGITAL DATA PROCESSOR

**Profile projector** is an optical instrument that can be used for measuring. It is a useful measuring tool for small parts, machine shop or production line for the quality control inspection team. The projector magnifies the profile of the specimen and displays this on the built-in projection screen.

**JBT-AZ Series** is a Vertical bench type Projector with Digital Data Processor, 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.

Our **JBT-AZ Series** Profile projector is widely used in major machinery manufacturing including aviation, aerospace industry, watches and clocks, electronics, instrumentation industry, research institutes and detection metering stations at all levels and etc.



**JBT-AZ Series**

**TECHNICAL SPECIFICATIONS: -**

Model No	JBT-12AZ	JBT-12AZb	JBT-16AZ	JBT-20AZ	JBT-24AZ
Screen diameter	300mm	300mm	400mm	500mm	600mm
Magnification	10X Optional 20x or 50x or 100x				
Work Stage	340x152mm	400x225mm	420x250mm	500x260mm	500x260mm
Travel	150x50mm	200x100mm	250x150mm	200x100mm	200x100mm
Linear Measurements	Digital Data Processor Least Count 0.001mm				
Angular Measurements	Digital Display L.C. 1sec				
Accuracy	(3+L/100) μm		(3+L/75) μm	(3+L/75)μm	
Illumination	Contour - 24V-150W, Halogen tungsten lamp Surface - 12V-100W, Halogen tungsten lamp				
Weight	135kg				
Dimensions	806×380×1065 (approx.)				

\*Image is for reference only Due to product upgradation the image & specification are subject to change

**FUNCTIONS: -**

- Determining straight line and circle with multiple dots gathering.
- Determining different geometrical elements with the way of association.
- Possessing the function of rotating and paralleling coordinate.
- Possessing the function of transmitting the polar and rectangular coordinates.
- Placing in advance and installing of different geometrical elements.
- Storing and transferring of different geometrical elements.
- Possessing the function of user coded program.
- Possessing the function of memory when power cut.
- Possessing the function of output RS232.
- Setting up Z coordinate to the length of sensor and angle value of code machine.
- Possessing the function of grating sensor linear correction and regional linear correction.