

## VERTICAL PROFILE PROJECTOR WITH DIGITAL PROCESSOR (VPD- AZ SERIES)

### DESCRIPTION:

**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 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.



## SILENT FEATURES: -

- ☞ 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.

## TECHNICAL SPECIFICATION: -

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