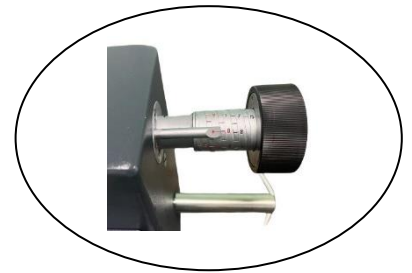




BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

ADVANCE DIGITAL TOOLMAKER MICROSCOPE WITH DATA PROCESSOR



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

BATM-14B

**DESCRIPTION:**

Our **BATM-14B** Tool Makers Microscope designed as per international standards and offers wide range of application.

- Adopts photoelectric display technology, takes high precision grating scale as measuring units for X and Y axis, Digital Read Out shows data directly, convenient to do measurement.
- It provides various eyepieces and objectives to get a clear image and large view field.
- Main microscope can deflect left and right, suitable for the measurement of spiral parts.
- LED illuminating lighting for transmission and reflecting with low heating dissipation and long life.
- High speed movement and micro motion devices could realize quick switch.
- Equipped with tailstock rack to measure shaft parts.
- Variety of accessories are provided to achieve extensive uses.

TECHNICAL SPECIFICATIONS:

Model No	BATM-14B
Worktable: Measuring range	
X- Coordinate	150mm
Y- Coordinate	75mm
Measuring resolution	0.001mm
Accuracy of Instrument	$(2+L/50) \mu\text{m}$ of which, L= measured Length (unit:
Diameter of Circular worktable	\varnothing 190mm (Glass), \varnothing 280mm(metal)
Angular calibrated range of the circular worktable	0°-360°
Measured angle resolution ratio of the circular	3'
Microscope upright column	
Deflection angle	$\pm 12^\circ$
Calibrated value of the slope angle	30'
Goniometric eyepiece	
Angular calibrated range	0°-360°
Angular calibrated value	1'
Template eyepiece	
Calibrated range	$\pm 7^\circ$
Angular calibrated value	10'
Optical detector	
Minimum detective hole diameter	\varnothing 5mm
Maximum detective depth	15mm
Measuring force	0.1N



Tailstock rack	
Maximum clamping diameter	Ø70mm
Maximum clamping length	Ø190mm
Load capacity of instrument	20 kg

OBJECTIVES:

Objective	1X	3X	5X
Gross magnifying	10X	30X	50X
Object working	79mm	69mm	49mm
Object field of view	Ø20mm	Ø6.6mm	Ø4mm

*Due to continuous product development, image and specification can be upgrade.