



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

INVERTED METALLURGICAL MICROSCOPE

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



BITM-5000/5000T

**DESCRIPTION:**

The most compact & economically designed inverted, designed & development to fulfill various testing requirements of industries & educational institutes. A special feature of the design is flat unobstructed stage surface which places no limitation on the size & height of the specimen. Simply place the specimen, face down on the stage, and switch on the illuminator, rotate the required objective in to position and you are ready to observation images.

TECHNICAL SPECIFICATIONS:

Model No.	BITM-5000	BITM-5000T
Viewing Head	Binocular microscope observation head conveniently inclined at 45°	Trinocular microscope observation head conveniently inclined at 45°
Focusing	Co-axial coarse & Fine focusing module with slides travelling on ball bearing guide ways.	
Mechanical Stage	Large graduated mechanical stage with low drive co-axial controls for X-Y movements on ball slides	
Objectives	Achromatic flat field metallurgical corrected and anti-mount fungus M4x, M10x, M20x & M40x.	
Eyepieces	Compensating High eye point wide field eye piece 10x	
Magnification	40x to 400x	
Illumination	12v-50w, Incident light through Epi-illuminator with field aperture diaphragm and filter slot. Continuously variable luminosity control though built in electronics transformer.	
Filters	Green & Blue	

OPTIONAL ACCESSORIES:

- Digital Camera
- Metallurgical Image
- Analysis Software
- Grain Size Eye Piece
- Graph Eye Piece
- Measuring Eye Piece
- Objective Micrometer Slide