



# INVERTED METALLURGICAL MICROSCOPE



## BITM-5000/5000T

### **BANBROS ENGINEERING PVT. LTD.**

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The Precision Measurement People

**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 Specification:**

Model	BITM-5000	BITM-5000T
<b>Viewing Head</b>	Binocular microscope observation head conveniently inclined at 45°	Trinocular microscope observation head conveniently inclined at 45°
<b>Focusing</b>	Co-axial coarse & Fine focusing module with slides travelling on ball bearing guide ways.	
<b>Mechanical Stage</b>	Large graduated mechanical stage with low drive co-axial controls for X-Y movements on ball slides.	
<b>Objectives</b>	Achromatic flat field metallurgical corrected and anti-mount fungus M4x, M10x, M20x & M40x.	
<b>Eyepieces</b>	Compensating High eye point wide field eye piece 10x	
<b>Magnification</b>	40x to 400x	
<b>Illumination</b>	12v-50w, Incident light through Epi-illuminator with field aperture diaphragm and filter slot. Continuously variable luminosity control though built in electronics transformer.	
<b>Filters</b>	Green & Blue	

**Optional Accessories:**

- Digital Camera
- Metallurgical Image
- Analysis software
- Grain size Eye piece
- Graph Eye piece
- Measuring Eye piece
- Object Micrometer slide.

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