



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

INVERTED METALLURGICAL MICROSCOPE

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



BMI-101A



BMI-102A

**DISCRIPTION:**

BMI Series Inverted Metallurgical Microscope are equipped with excellent plan achromatic objectives and wide field eyepieces, the illumination mode is Kohler, so that the field is uniform. The instrument design very compact in structure, to make the operation easy and affordable. This is ideal optical instrument for micro observation in metallographic structure and surface morphology. It is suitable for research in metallography, mineralogy, precision engineering etc.

TECHNICAL SPECIFICATION:

Model No.	BMI-101	BMI-101A	BMI-102A
Viewing Head	Binocular	Trinocular	Trinocular
Eyepieces	Wide Field WF 10x (Field Number $\approx 18\text{mm}$) High-point, extra wide field EWF10x/20 \approx mm		
Objective	Plan Achromatic		Infinite Plan Achromatic
	PL L10X/0.25		4X / 0.1
	PL L20X/0.40 (Spring)		PL L10X/0.25
	PL L40X/0.60 (Spring)		PL L20X/0.40 (Spring)
Magnification	100x, 200x & 400x (Standard), can be increased upto 2000x		
Focus system	Coaxial coarse/fine focus with tension adjustable and low stop, minimum division of fine focusing : 2 \approx m		
Illumination Unit	6V-20W, halogen lamp, brightness adjustable. Integrated field, diaphragm aperture diaphragm		
Filter	Blue, Yellow, Green and Ground Glass		
Polarization Attachment	Polarizer and analyzer, An integrate device for polarizer and analyzer		