



**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
<b>Viewing Head</b>	Binocular	Trinocular	Trinocular
<b>Eyepieces</b>	Wide Field WF 10x (Field Number $\varnothing$ 18mm) High-point, extra wide field EWF10x/20 $\varnothing$ mm		
<b>Objective</b>	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)
<b>Magnification</b>	100x, 200x & 400x (Standard), can be increased upto 2000x		
<b>Focus system</b>	Coaxial coarse/fine focus with tension adjustable and low stop, minimum division of fine focusing : 2s $\varnothing$ m		
<b>Illumination Unit</b>	6V-20W, halogen lamp, brightness adjustable. Integrated field, diaphragm aperture diaphragm		
<b>Filter</b>	Blue, Yellow, Green and Ground Glass		
<b>Polarization Attachment</b>			Polarizer and analyzer, An integrate device for polarizer and analyzer

\* Due to continuous product development, Image & specification can be upgrade.