



**BANBROS ENGINEERING PVT. LTD.**  
The Precision Measurement

# UPRIGHT METALLURGICAL MICROSCOPE

**BMU-102**



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

**BMU-101**





#### DESCRIPTION:

**BMU Series** upright metallurgical microscope are suitable to observe to surface of opaque object or transparent object. They are equipped with long working distance plan achromatic objectives and field eyepieces provided excellent optics quality and operation performance

Enable selection of the illumination mode, such as reflected, transmitted and reflected light working independently or synchronously, achieved the request of different sample checking. They are the ideal instruments in research work for metallography, mineralogy, precision engineering electronics etc.

#### TECHNICAL SPECIFICATIONS:

| Model No.   | BMU-101   | BMU-102  |
|---|---|--|
| <b>Eyepieces</b>  | Wide Field WF 10x (Field Number $\varnothing$ 18mm)   |  |
| <b>Objective</b>  | PL L5X/0.12 Work Distance : 18.3mm PL L10X/0.25 Work Distance : 8.8mm<br>PL L40X/0.60 (Spring) Work Distance : 3.7mm PL L60X/0.75 (Spring) Work Distance : 1.34mm           |  |
| <b>Magnification</b>                                    | 50x, 100x, 400x & 600x (Optional upto 2000x)  |  |
| <b>Eyepieces Tube</b>                                   | 30 Trinocular, Inclination 30 and integrated analyzer   |  |
| <b>Epi-illumination Unit</b>                            | 6V 20W, halogen lamp, brightness control.<br>Integrated field, aperture diaphragm and filter switch drive puller polarizer, Equipped with Y, B, G Filters with ground glass |  |
| <b>Transmitted illumination System</b>                  | Not Applicable  | NA. 1.25 Abbe condenser Rack & pinion adjustable |
| <b>Focus system division of the fine focusing : 2_m</b> | Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum  |  |
| <b>Stage</b>  | Double layer mechanical (size: 185mm x 140mm, moving range : 75mm x 50mm)   |  |

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