



# METALLURGICAL MICROSCOPE



**MODEL: BMU-110BD**

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



**MODEL: BMU-110B**



**MODEL: BMU-110**



**UPRIGHT METALLURGICAL MICROSCOPES:**

**BMU-110 Series** Upright Metallurgical Microscopes are suitable to observe surfaces of opaque object or transparent object. They are equipped with excellent UIS optical and modularization function design that provides excellent optical quality and operation performance, update system expediently and provides observation in reflected or transmitted and mixed illumination, polarizing observation, dark field observation. These are the ideal instruments in research work metallography, mineralogy, precision engineering, electronics, etc.

**TECHNICAL SPECIFICATIONS:**

Model No.	BMU-110BD	BMU-110 B	BMU-110
<b>Eyepieces</b>	Wide Field WF 10x (Field Number Ø22mm)		
<b>Infinity Plan Achromatic Objective</b>	Equipped with bright & dark field objectives PL L5X/0.12 BD PL L10X/0.25 BD PL L20X/0.40 BD PL L40X/0.60 BD	Equipped with bright field objectives PL L5X/0.12 PL L10X/0.25 PL L40X/0.60 PL L60X/0.70	
<b>Magnification</b>	50x, 100x, 200x & 400x	50x, 100x, 400x & 600x	
<b>Eyepiece Tube</b>	Trinocular inclined 30°, can be shot in 100% light flux.		
<b>Epi-illumination Unit</b>	12V 50W, halogen lamp, adjustable brightness Equipped with Y,B,G Filters with ground glass Integrated field diaphragm, aperture diaphragm and filter switching device, Push-pull type analyzer with polarizer	6V 30W, halogen lamp, adjustable brightness	
<b>Transmitted illumination</b>	12V 30W, halogen lamp, adjustable brightness Equipped with Blue filter and frosted glass	6V 30W, halogen lamp, adjustable brightness	Not Applicable
<b>Focus system</b>	Coaxial coarse/fine focus system, with tension adjustable and up stop, minimum division of fine focusing : 2µm.		
<b>Stage</b>	Double layer mechanical (size: 185mm x 140mm, moving range: 75mm x 50mm)		

