



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# METALLURGICAL MICROSCOPE



**BDM-2000X**

**DISCRIPTION: -**

The **BDM-2000X** has a slim wedge shaped design that saves bench space and offers excellent stability. The drop down stage controls are ergonomically positioned to provide comfort and ease of use for the operator. An integrated 12V 50W vertical Koehler halogen illuminator with a variable intensity control and automatic voltage sensing power supply provides excellent specimen illumination and contrast. The BDM-2000X is designed to meet your most diverse needs for materials research. It is well suited for examination of mounted metallurgical specimens or for routine quality inspections such as micro-structure analysis, various materials testing, QA and QC examination and photomicrography. It is also equipped with yellow, blue, green, and polarizing filters.

- Excellent infinite Optical System. High Magnification Objective with Long Working Distance
- Comfortable and Enjoyable Operation with low Position Control knob
- Easy, Safe and Reliable Lamp Replacement Device

**TECHNICAL SPECIFICATION: -**

MODEL	BDM-2000X
Observation Tube	Trinocular head inclined at 30°
Interpupillary distance	From 48-75mm
Eyepiece	WF10X/20mm, WF10X/18mm reticule eyepiece
Objective	Infinity plan achromatic 5X, 10X, 20X(spring), 50X(spring) objectives
Stage	Mechanical stage with size 180x155mm,X-Y travel is 80x50mm with graduation of 0.1mm
Focusing	Coaxial focusing knob, fine focusing is graduated in increment of 1um
Nosepiece	Quintuple nosepiece with Infinity Corrected F=200MM
Illumination	12V 50W halogen lamp
Power supply	100-240V
Standard accessories	Dust cover, blue/ yellow/ green filter, fuse, simple polarization
Optional accessories	○ WF10X/22mm eyepiece
	○ WF10X/22mm pointer eyepiece
	○ WF10X/20mm reticule eyepiece
	○ 5X plan achromatic objective
	○ 100X plan achromatic objective(dry)
	○ 5W LED illumination
	○ C-mount adapter,
○ digital camera adapter	