

Biological Microscope FM-BM-A100



Description :

Biological Microscope FM-BM-A100 comes with binocular 30° inclined viewing head, 40 to 1600X zoom magnification range, for advance microscopic observation. With ergonomic design, high quality 195 achromatic objectives are used to reduce strain on eyes during observation. It comes with a coaxial coarse and fine focusing knob with coarse focusing range 20 mm, and fine focusing graduation of 0.002 mm.

Features:

- Finite optical system
- High zoom magnification range
- Binocular (30° inclined) viewing head
- Built-in handle for easy access

Specifications:

Optical System	Finite Optical System
Viewing Head	Binocular viewing head, 30° inclined, 360° rotation, interpupillary distance 48 to 75 mm
Magnification	40X to 1600X

Objectives	195 Achromatic objectives 4x, 10x, 40x (Spring), 100x (Spring, oil)
Eyepiece	Wide field WF10X/18mm and Wide field WF16X/15mm
Nosepiece	Inward, Quadruple revolving nosepiece
Focusing system	Coaxial coarse & fine focusing knob, coarse focusing range 20 mm, fine focusing graduation 0.002 mm
Stage	Double layer mechanical stage size: 115 × 125 mm, range: 76 × 52 mm
Condenser	Abbe condenser N.A.1.25, with iris diaphragm, and height adjustment knob
Illumination	3W LED lamp, brightness adjustable
Power	External power supply (adapter), AC 100V-240V, DC 5V/2A
Voltage	220 V, 50 Hz
Weight	12 kg

Applications:

Used for microscopic examination across medical, tissue culture industries, gemology, metallurgy, as well as inspection of electrical board, and others.



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