Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Binocular Microscope 1000x mag

Product Code :

SLE/M/12



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Description :

Binocular Microscope 1000x mag (Product Code: SLE/M/12) is an infinity-corrected transmitted-light microscope used for routine educational and laboratory work from 40x to 1000x, including oil-immersion study of blood films and bacteria. It stands out for its E-Plan (IOS) objectives, wide WF10X/20 eyepieces, a centrable sliding Abbe condenser and a belt-drive mechanical stage on a stable die-cast frame. This binocular laboratory microscope is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Observation	Brightfield, transmitted light
Frame	Die-cast, designed for stability and ergonomics
Head	Binocular, inclined 30°, rotatable 360°; diopter adjustment on left eyepiece; interpupillary adjustment 48–75 mm
Eyepieces	Wide field WF10X/20, field number 20
Nosepiece	Quadruple revolving, rotation on ball bearings
Objective 4X	E-Plan IOS, N.A. 0.10, W.D. 16.8 mm
Objective 10X	E-Plan IOS, N.A. 0.25, W.D. 5.8 mm
Objective 40X	E-Plan IOS, N.A. 0.65, W.D. 0.43 mm
Objective 100X	E-Plan IOS, N.A. 1.25, W.D. 0.13 mm (oil immersion)
Objective notes	Infinity-corrected; all objectives anti-fungus treated
Magnification	40x, 100x, 400x, 1000x
Condenser	Abbe, N.A. 1.25; sliding-in, centrable; up-down adjustment by rack and pinion
Focusing	Coaxial coarse and fine (graduated 0.002 mm) with upper stop; adjustable tension of coarse knob
Stage	Double-layer mechanical sliding stage, 150 x 139 mm; X-Y movement range 75 x 33 mm; belt drive in X direction
Stage scales	Vernier on X-Y axes, accuracy 0.1 mm; specimen holder for one slide
Illumination	White LED, 3.6 W (comparable to a 50 W halogen bulb); intensity knob on left side of frame
Colour temperature / LED life	6300 K / approx. 50 000 hours average
Power supply	External, 100/240 V AC, 50/60 Hz; output 6 V DC, 1 A; max. required power 7 W
Proc	
Sup	a