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

Product Name :

Binocular Microscope, 1000x Mag LED

Product Code :

SLE/M/05



Science Lab

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Description :

Binocular Microscope, 1000x Mag LED (Product Code: SLE/M/05) is a two-eyepiece brightfield microscope used for A Level, undergraduate and other higher-education biology and microbiology practicals at 40x to 1000x. It carries four DIN achromatic objectives with published numerical apertures and working distances, a 3 W white LED and a universal 100/240 V external power supply. This binocular microscope is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, with an instruction manual and dust cover included.

Specifications

Parameter	Detail
Observation	Brightfield
Head	Binocular, inclined 30°, rotatable 360°; diopter adjustment on left eyepiece; interpupillary adjustment 48–75 mm
Eyepieces	Wide field WF10x/18, field number 18
Nosepiece	Quadruple revolving, rotation on ball bearings
Objective 4x	Achromatic DIN, N.A. 0.10, W.D. 18 mm
Objective 10x	Achromatic DIN, N.A. 0.25, W.D. 7 mm
Objective 40x	Achromatic DIN, N.A. 0.65, W.D. 0.53 mm
Objective 100x	Achromatic DIN, N.A. 1.25, W.D. 0.13 mm (oil immersion)
Objective notes	Mechanical tube length 160 mm; all objectives anti-fungus treated
Magnification	40x, 100x, 400x, 1000x
Condenser	Abbe, N.A. 1.25, precentered
Focusing	Coaxial coarse and fine (graduated 0.002 mm) with upper stop to prevent objective-specimen contact; adjustable coarse tension
Stage	Double-layer mechanical sliding stage, 125 x 115 mm; vernier on both axes, accuracy 0.1 mm; specimen holder for one slide
Stage X-Y travel	76 x 30 mm (a shorter summary lists 70 x 30 mm; please confirm when ordering)
Illumination	White LED, 3 W (comparable to a 30–35 W halogen bulb); intensity knob on left of frame
Colour temperature / LED life	6300 K / approx. 50 000 hours average
Power supply	External, 100/240 V AC, 50/60 Hz; output 7.5 V; max. power required 7 W
Dimensions / weight	Height 370 mm, width 235 mm, depth 290 mm / 6.5 kg
Inclu	
Proc	
Sup	