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

Product Name :

Binocular Biological Microscope, LED

Product Code :

SLE/M/11



Science Lab
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Description :

Binocular Biological Microscope, LED (Product Code: SLE/M/11) is a compact two-eyepiece brightfield microscope used for cell, tissue and microorganism studies in school, college and routine teaching labs. At 4 kg and only 170 mm wide, it fits crowded student benches while still offering four achromatic objectives, a vernier mechanical stage and a 1 W white LED with brightness control. This compact binocular microscope for schools and colleges is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, alongside its other biology lab equipment in India.

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 mm
Nosepiece	Quadruple revolving, rotation on ball bearings
Objectives	Achromatic 4X, 10X, 40X, 100X; mechanical tube length 160 mm; anti-fungus treated
Condenser	Abbe, N.A. 1.2, precentered
Focusing	Coaxial coarse and fine (graduated 0.002 mm) with upper stop; adjustable tension of coarse knob
Stage	Double-layer mechanical sliding stage, 125 x 116 mm; X-Y movement range 76 x 30 mm
Stage scales	Vernier on both axes, accuracy 0.1 mm; specimen holder for one slide
Illumination	White LED, 1 W; 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 5 V DC, 500 mA
Dimensions	Height 350 mm, width 170 mm, depth 210 mm
Weight	4 kg
Product code	SLE/M/11
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Compact Binocular LED Microscope Used For?

This model brings two-eyed viewing to classes that previously shared monocular instruments. Stude
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