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

Product Name :

Monocular Microscope, LED

Product Code :

SLE/M/102



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Description :

Monocular Microscope, LED (Product Code: SLE/M/102) is a finite-optics (160 mm) compound microscope used for student slide work with 4X, 10X and 40X achromatic objectives in schooland college laboratories. Its RMS-standard objective thread, reversed quadruple nosepiece and adjustable upper limit stop suit shared classroom use, and it runs on mains or rechargeable batteries. This monocular microscope for teaching labs in India and abroad is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Optical system	Finite optical system, 160 mm
Observation tube	Monocular, 45° inclined, 360° rotating
Eyepiece	WF 10X/18 mm with pointer, lockable
Nosepiece	Reversed quadruple revolving nosepiece with click stops
Objectives	EA achromatic, DIN: 4X/0.10, 10X/0.25, 40X/0.65/S
Objective thread	W 4/5" x 1/36" (RMS standard)
Stage	Gliding stage with "one-touch" sample clips, 110 x 110 mm
Upper limit stop	Preset but adjustable
Condenser	Built-in Abbe condenser, 0.65 N.A., with iris diaphragm
Focus mechanism	Separate coarse and fine focusing with tension adjustment; fine focus 2 µm minimum increment; Z-axis movement 13 mm
Illumination	LED 20 mA, 3.5 V, 70 mW with intensity control; external transformer
Power supply	Charger 100–240 V or rechargeable batteries
Size (L x W x H)	234 x 152 x 334 (unit not stated in the listing; confirm with us)
Weight	4.7 kg
Accessories included	Dust cover, charger and batteries
Product code	SLE/M/102
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the LED Monocular Microscope Used For?

It handles the standard range of school and first-year college slides: plant and animal cells, tissue sections, yeast and protozoa at low and medium power. Set the upper limit stop once so that the stage cannot be raised into the 40X objective, which protects slides when many students share one instrument. The lockable eyepiece stays in place, keeping dust out of the tube and the pointer where the teacher needs it.

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