Email : sales@scilabexport.com
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Product Name :

Trinocular Microscope, 1000x, LED Illumination

Product Code :

SLE/M/112



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Description :

Trinocular Microscope, 1000x, LED Illumination (Product Code: SLE/M/112) is a compound light microscope used to examine stained cells, tissues and micro-organisms at up to 1000x in college and school biology laboratories. Its 1 W cordless LED runs on rechargeable batteries, and the third viewing tube lets a camera share the field students see through the eyepieces. This compound microscope is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its biology lab equipment in India.

Specifications

Parameter	Detail
Head	Trinocular, 30° inclined tubes, rotatable through 360°
Eyepiece	Wide-field WF 10x/18 mm, without pointer
Objectives	Achromatic 4x, 10x, S40x and S100x oil; S40x and S100x oil immersion objectives spring loaded
Nosepiece	Revolving, four positions, on ball bearings
Maximum magnification	1000x
Interpupillary distance	Adjustable, 48 to 75 mm
Diopter adjustment	± 5 diopter on the left tube
Focusing	Coaxial coarse and fine; 200 graduations, 12.5 µm per graduation, 2.5 mm per rotation; total travel approx. 15 mm; adjustable rack stop
Condenser	Abbe, N.A. 1.25, height adjustable (helicoidal) with iris diaphragm and filter holder
Stage	Plain mechanical stage 123 x 119 mm; X-Y travel range 70 x 27 mm; two non-removable object clamps
Illumination	1 W cordless LED
Power	Rechargeable batteries; external 100–240 V AC mains/charger adapter
Optics	All optics anti-fungus treated and anti-reflection coated
Stand	Ergonomic stand
Product code	SLE/M/112
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Trinocular LED Microscope Used For?

A 1000x trinocular microscope handles the core slides of biology, zoology, botany and microbiology practicals: blood smears, bacteria, stained cheek cells, onion epidermis and prepared histology sections. The trinocular tube makes it a good demonstration instrument becau
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