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Phone: +91-7082934803

Product Name :

Trinocular Microscope, 1000x, LED

Product Code :

SLE/M/115



Science Lab
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Description :

Trinocular Microscope, 1000x, LED (Product Code: SLE/M/115) is a compound laboratory microscope used for high-magnification study and photo-documentation of stained slides in college, university and research teaching labs. It carries achromatic semi-plan objectives from 4X/0.10 to 100X/1.25 oil immersion, a low-position coaxial stage and a 3 W focusable LED with intensity control. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India.

Specifications

Parameter	Detail
Viewing head	30° inclined, binocular eyepiece tubes, rotates 360° for comfortable seated viewing
Eyepieces	Wide-field 10X/20 mm
Nosepiece	Revolving quadruple nosepiece with positive click-stops
Objectives	Achromatic semi-plan 4X/0.10, 10X/0.25, 40X/0.65 and100X/1.25 oil immersion
Maximum magnification	1000x
Focusing	Coaxial coarse and fine (2 µm) with tension adjustment
Stage	Low-position coaxial mechanical stage, 140 x 135 mm, with sample holder; X/Y travel 77 x 25 mm
Condenser	Spiral-mounted Abbe, N.A. 1.25, with iris diaphragm
Illumination	3 W focusable LED with intensity control
Product code	SLE/M/115
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 1000x Trinocular Microscope Used For?

Semi-plan objectives keep more of the field sharp from centre to edge than basic achromats, which helps when photographing a slide or when students count cells across the field. That makes this compound microscope a practical choice for histology, haematology, microbiology and plant anatomy practicals, and for staff preparing slide images for teaching material. The trinocular design lets a camera record the image while someone keeps observing.

The low-position coaxial stage keeps the hand close to the bench while moving the slide across its 77 x 25 mm travel, and the click-stop nosepiece seats each objective positively. Close the condenser iris a little for contrast on unstained samples, and open it at 100X with immersion oil to make use of the 1.25 N.A. Set the focus tension so the focus holds its position.

What to Specify When Ordering