Email : sales@scilabexport.com
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Product Name :

Binocular Microscope, 1000x, LED Illumination

Product Code :

SLE/M/100



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Description :

Binocular Microscope, 1000x, LED Illumination (Product Code: SLE/M/100) is an advanced teaching microscope used for brightfield and phase contrast observation of live cells, bacteria and tissues up to 1000x in college and research-training laboratories. It carries plan objectives, alarge 150 x 140 mm rackless stage and a Zernike phase contrast kit with a four-annulus rotatingdisc. This phase contrast microscope for labs in India and abroad is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India.

Specifications

Parameter	Detail
Objectives	Plan IOS 4x, 10x, S40x and S100x oil; S40x and S100x spring loaded
Nosepiece	Reversed quadruple, on ball bearings
Eyepieces	WF10x/20 mm
Tubes	Binocular, 30° inclined, Ø 30 mm
Head	360° rotatable, secured with a screw
Interpupillary distance	48–75 mm
Diopter adjustment	±5 on left tube
Stage	150 x 140 mm with integrated rackless X-Y mechanical stage, 75 x 30 mm travel
Focusing	Coaxial coarse and fine; 200 graduations; 1.5 µm per graduation; 0.3 mm per rotation; total travel approx. 28 mm; friction control on coarse adjustment
Rack stop	Adjustable rack stop supplied
Condenser	Abbe, N.A. 1.25, with iris diaphragm and filter holder; height adjustable
Phase contrast	Zernike kit with IOS objectives, rotating phase contrast disc with four annuli, centering telescope and green filter
Illumination	Adjustable 3 W LED illumination system
Optics	Anti-fungus treated and anti-reflection coated
Handling	Ergonomic carrying grip
Product code	SLE/M/100
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 1000x Binocular LED Microscope Used For?

Phase contrast turns transparent, unstained specimens such as living protozoa, cheek cells, yeast or cultured cells into visible light-and-dark images without staining them. To set it up, bring the a
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work