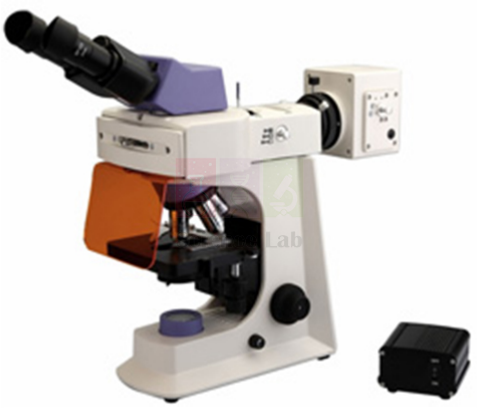
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Product Name :

LED Fluorescence Microscope

Product Code :

SLE/M/36



Email : sales@scilabexport.com
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Description :

LED Fluorescence Microscope (Product Code: SLE/M/36) is a trinocular microscope used for both bright-field and fluorescence examination of stained cells, tissues and microorganisms in microbiology, cell biology and research laboratories. It pairs a 4 W LED for transmitted light with 100 W mercury fluorescence illumination and UV, blue and green excitation filters. It is suppliedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for buyers of afluorescence microscope in India and overseas.

Specifications

Parameter	Detail
Eyepieces	Wide field WF10X; 4 antifungal eyepieces; field of view 20 and 22 mm or higher
Eyepiece tube	Trinocular with interpupillary adjustment; 2-way light distribution (100/0 and 0/100)
Objectives	Infinity plan achromatic PL 4X/0.10, PL 10X/0.25, PL 40X/0.65 (spring), PL 100X/1.25 (spring, oil)
Objective correction	Harmonic-corrected antifungal plan objectives for fluorescence and bright field (10X, 40X, 100X)
Nosepiece	Four or more positions, facing inward
Stage	Ceramic-coated mechanical X/Y stage, rust free and scratch proof, with vernier calibration; holds two slides
Condenser	Upright, universal turret type for bright field and fluorescence imaging; for 10X–100X objectives
Transmitted light source	LED 4 W, uniform light distribution, intensity controller, life span of more than 40,000 hours
Fluorescence illumination	100 W mercury, with intensity controller
Excitation filters	Three or more (UV, blue and green) in a four-position rotating filter turret
Power supply	12 V DC, 1.5 A, for mains 100–240 V AC, 47–63 Hz, with voltage stabiliser
Product code	SLE/M/36
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Fluorescence Microscope Used For?

Fluorescence microscopy makes specific structures glow against a dark background: a dye or fluorescent label absorbs light of one colour and emits another, so nuclei, bacteria or labelled proteins stand out clearly. Laboratories use it for fluorescent staining practicals, immunofluorescence teaching and research on cells and microorganisms, then switch the same instru

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