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

Product Name :

Monocular Microscope, 400x, LED Illumination

Product Code :

SLE/M/108



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

Description :

Monocular Microscope, 400x, LED Illumination (Product Code: SLE/M/108) is a cordless student microscope used for routine cell and tissue observation up to 400x in school biology classes and field teaching. It has three reversed achromatic DIN objectives, a 105 x 105 mm stage with two fixed clamps and a 1 W LED powered by internal rechargeable batteries. This cordless microscope for school labs in India and abroad is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Eyepiece	Wide field WF 10x/18 mm, secured, with pointer
Tube and head	Monocular, 45° inclined tube; head rotatable 360°
Nosepiece	Revolving, three reversed positions, on ball bearings
Objectives	Achromatic DIN 35 mm: 4x/0.10, 10x/0.25, S40x/0.65 (S40x springloaded)
Condenser	Single condenser, N.A. 0.65, with built-in iris diaphragm
Stage	105 x 105 mm with two non-removable clamps
Focusing	Coaxial coarse and fine; 200 graduations; 15 µm per graduation; 3 mm per rotation; total travel approx. 15 mm; adjustable rack stop
Illumination	1 W LED
Power	Internal rechargeable batteries; external 100–240 V AC mains/charger adapter; cordless operation
Optics	Anti-fungus treated and anti-reflection coated
Stand	Ergonomic stand
Product code	SLE/M/108
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Cordless 400x Monocular Microscope Used For?

Because it needs no cable once charged, this microscope suits classrooms where sockets are few, outreach programmes and outdoor ecology lessons where pupils look at freshly collected pond water or leaf peels. The coarse and fine controls sit on the same axis, so students can move from rough to precise focusing without shifting their hand, and the adjustable rack stop limits how far the stage rises.

The two non-removable clamps hold the slide on the 105 x 105 mm stage and cannot go missing, a practical detail in busy school labs. Adjust the built-in iris diaphragm under the N.A. 0.65 condenser to balance brightness and contrast, and recharge the internal batteries through the 100–240 V AC adapter after lessons.

Sup

Jain S x