Email : sales@scilabexport.com
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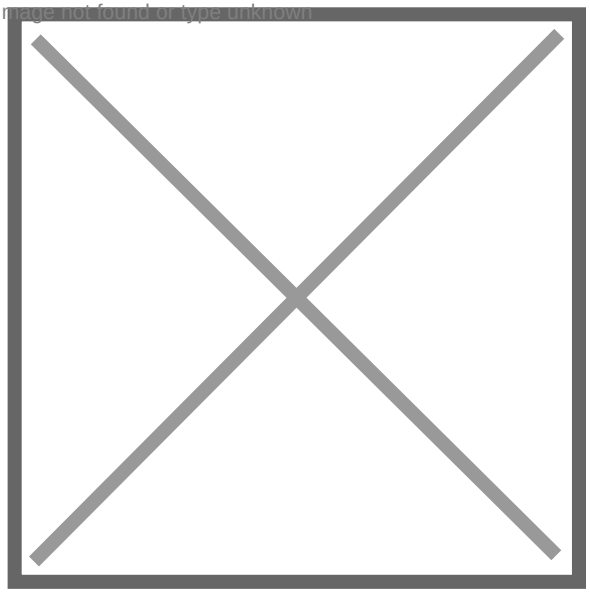
Product Name :

Monocular Biological Microscope 400x

Product Code :

SLE/M/03

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Description :

Monocular Biological Microscope 400x (Product Code: SLE/M/03) is a mirror-illuminated compound microscope used by younger students to view slides and live specimens at 40x, 100x and 400x without any electrical supply. A 38 mm mirror reflects daylight or lamp light through the specimen, and the light, handy build makes it easy to carry for field work. This compound microscope for schools in India and abroad is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Head	Monocular tube, inclinable up to 90 degrees
Eyepiece	Wide field 10x
Objectives	Achromatic 4x, 10x, 40x SL
Magnification	40x, 100x, 400x
Nosepiece	Triple revolving, with positive centering
Stage	100 x 90 mm plain mechanical stage with paired clips
Condenser	Single lens with disc diaphragm
Focusing	Coarse and fine
Illumination	Natural light via 38 mm diameter mirror
Construction	Optical glass lenses and metal components
Product code	SLE/M/03
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Mirror Microscope Used For?

This model is built for first lessons in microscopy where power is unreliable or absent: rural schools, open-air nature clubs, pond and garden surveys, and junior science lab equipment sets used by middle-school pupils. Students look at leaf sections, insect wings, algae from a water sample or prepared slides, moving from 4x to 40x on the triple nosepiece as they learn to focus with the coarse and fine knobs.

To light the specimen, tilt the mirror towards a bright window or a desk lamp until the field looks evenly white, then adjust the disc diaphragm for contrast. Never point the mirror at direct sunlight, which can harm the eye. Because the tube tilts up to 90 degrees, pupils can use it seated or standing at a bench.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, suppl s indep d impor