Email : sales@scilabexport.com
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Product Name :

Monocular Mirror Microscope, 400x

Product Code :

SLE/M/98



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Description :

Monocular Mirror Microscope, 400x (Product Code: SLE/M/98) is a mirror-lit compound microscope used to introduce elementary pupils and hobby users to microscopy, up to 400x, in classrooms and outdoors. It needs no electricity: a removable plano-concave mirror directs daylight or lamp light through the specimen, and a large gripping area makes it easy for small hands to carry. This compound microscope for primary schools in India and abroad is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Head	Vertical monocular head, can be tilted to 45°
Eyepiece	Widefield WF10X/14 mm with built-in pointer
Nosepiece	Revolving triple nosepiece with positive click stops
Objectives	4X/0.10, 10X/0.25, 40X/0.65; parcentric and parfocal
Focusing	Spring coarse focusing adjustment
Stage	88 x 82 mm with stage clips
Diaphragm	Rotating disc diaphragm
Illumination	Removable plano-concave mirror (no power needed)
Handling	Large gripping area for carrying in class and outdoors
Intended users	Elementary school and hobby users
Product code	SLE/M/98
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Mirror Microscope Used For?

This is a first microscope for children who have never used one. Tilt the head to a comfortable angle, turn the mirror towards a window or desk lamp until the field is evenly bright, and focus with the 4X objective before clicking round to 10X and 40X. Because the objectives are parfocal and parcentric, the specimen stays close to focus and near the centre when the nosepiece is turned, so young users lose their place less often.

The plano-concave mirror gives a choice of surfaces: the flat side for strong light such as a bright window, the concave side to gather more light from a weak or nearby source. With no cable or batteries, the microscope suits rural schools, field trips and rooms without power, while the rotating disc diaphragm helps control contrast on thin plant and pond specimens.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, suppl ers acros ce where .