Email : sales@scilabexport.com
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Product Name :

Monocular Microscope, 400x, With Coaxial Knobs

Product Code :

SLE/M/13



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Description :

Monocular Microscope, 400x, With Coaxial Knobs (Product Code: SLE/M/13) is a cordless student microscope used for slide work up to 400x in school biology classes, field centres and labs with limited power points. It runs a 0.5 W LED from rechargeable batteries, and it also has a double-layer mechanical stage plus coaxial focusing knobs on both sides of the stand for left- and right-handed users. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a school lab equipment supplier in India.

Specifications

Parameter	Detail
Head	Monocular, inclined 45°, 360° rotation
Eyepiece	Wide field WF10x/18 mm
Nosepiece	Triple, reversed
Objectives	DIN achromatic 4x, 10x, 40x
Condenser	N.A. 0.65, fixed, with iris diaphragm
Illuminator	0.5 W LED, manual adjustment, rechargeable batteries
Stage	Mechanical double-layer stage with specimen holder for one slide
Stage size	105 x 95 mm
Stage moving range	50 x 15 mm
Focusing	Coaxial coarse and fine control knobs on both sides of the stand
Product code	SLE/M/13
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Cordless 400x Monocular Microscope Used For?

This microscope covers the standard secondary-school syllabus: plant and animal cells, leaf epidermis and stomata, root and stem sections, pollen, yeast and pond protozoa. Because the specimen holder and mechanical stage move the slide in small, controlled steps, pupils can follow a moving organism or scan a section methodically instead of pushing the slide by hand, which makes it a practical piece of laboratory equipment for schools in India that want students to learn proper stage technique early.

Charge the batteries before the lesson so the LED is ready wherever the microscope is set up, and use the manual brightness control together with the iris diaphragm to balance light and contrast. The reversed nosepiece places the objectives away from the user, leaving the stage area more open for changing slides. Knobs on both sides of the stand mean the microscope never has to be turned round for a left-handed student.

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