Email : sales@scilabexport.com
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Product Name :

Cordless Microscope

Product Code :

SLE/M/50



Science Lab

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Description :

Cordless Microscope (Product Code: SLE/M/50) is a compound microscope used to examine prepared and temporary slides at 40x, 100x and 400x in school and college biology labs. A10x/14 mm widefield eyepiece with a pointer sits on a 360° rotatable head inclined at 45°, aboveparfocal 4x, 10x and 40xR objectives on an all-metal stand. This compound microscope forschools in India is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Eyepiece	10x/14 mm widefield, locked-in, with rotatable pointer
Head	360° rotatable, inclined at 45° for viewing while seated
Objectives	4x, 10x and 40xR; corrected, parcentric and parfocal
Total magnification	40x, 100x and 400x
Focusing	Rack-and-pinion coarse and fine adjustment with slip clutch to protect the focusing mechanism
Travel stops	Upper and lower stops to prevent damage to slide or objective
Stage	Moveable stage with locked-on stage clips
Stand	Sturdy all-metal stand with stain-resistant, baked-on finish
Size	11-1/2 in H x 4-1/2 in W x 6-1/2 in D (approx. 29.2 x 11.4 x 16.5 cm)
Weight	About 3-1/2 lb (approx. 1.6 kg)
Product code	SLE/M/50
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Cordless Microscope Used For?

This microscope covers the core slide work of secondary biology: onion peel and cheek cells, leaf stomata, pond-water organisms and prepared microscope slides of plant and animal tissues. Scan at 40x, locate the area of interest at 100x, then move to 400x for cell detail. Because the objectives are parfocal, the image stays close to focus when the nosepiece is turned, so students spend less time refocusing.

Several features suit busy classrooms. The locked-in eyepiece and locked-on stage clips cannot easily go missing, the slip clutch protects the focusing gears when a knob is forced, and the upper and lower travel stops keep the objective from cracking a slide. A teacher can set the rotatable pointer on a structure so each student finds the same feature, and the cordless design keeps mains cables off the bench.

Supplier

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