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

Product Name :

Compound Microscope

Product Code :

SLE/M/51



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Description :

This compound microscope is used to study stained slides, cells and micro-organisms in school, college and training labs. A rack-and-pinion 1.25 N.A. Abbe condenser with iris diaphragm controls the light, a built-in mechanical stage moves the slide, and a cool LED in the base runs from rechargeable NiMH batteries or the AC charger/adapter included with it.

Compound microscope optics, lighting and size

Parameter	Detail
Head	360° rotating, inclined at 45°
Eyepiece	Locked-on 10x widefield, with calibrated pointer
Objectives	Achromatic, parcentred and parfocal
Stage and focusing	Built-in mechanical stage; separate coarse and fine rack-and-pinion focus with positive stops at both ends of stage travel
Condenser	Rack-and-pinion adjustable 1.25 N.A. Abbe condenser with iris diaphragm
Illumination	Cool LED built into the base, on/off switch and light intensity control; LED life 10,000 hours
Power	Rechargeable NiMH batteries; AC charger/adapter included
Size (H × W × D)	29.2 × 15.2 × 24.1 cm (11-1/2 × 6 × 9-1/2 in)
Weight	About 4.5 kg (10 lb)
Product code	SLE/M/51
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Slide work with the Compound Microscope

Onion skin cells. Lay a thin strip of onion skin in a drop of iodine on a glass microscope slide and lower a cover glass at an angle so no air is trapped. Find the cells on low power, then close the iris slightly so the pale cell walls stand out.

Pond water organisms. Place a drop of pond water in a depression slide so ciliates and algae have room to swim. The LED stays cool and does not warm the drop, and the mechanical stage knobs let students follow a moving cell across the field.

Stages of mitosis. Put an Allium root tip slide from the Cell Division Slide Set of 9 on the s
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