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Product Name :

Compound Microscope Cordless

Product Code :

SLE/M/83



Science Lab
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Description :

Compound Microscope Cordless (Product Code: SLE/M/83) is a battery-powered compound light microscope used to examine stained slides, cells and micro-organisms in school and college biology labs, including rooms without a power point at every bench. Rechargeable NiMH batteries and an AC charger/adapter are included, and its 360° rotating head, inclined at 45°, turns easily towards each student. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for labs choosing a cordless compound microscope in India.

Specifications

Parameter	Detail
Microscope type	Compound, cordless (rechargeable battery operation)
Head	360° rotating, inclined at 45° for easier viewing
Stage	Built-in mechanical stage for easier slide scanning
Focusing	Separate coarse and fine focus, rack-and-pinion, with positive stops at both ends of stage travel
Condenser	Rack-and-pinion adjustable 1.25 N.A. Abbe condenser with iris diaphragm
Illumination	Built-in LED in the base with on/off switch and light intensity control
LED life	10,000 hours
Power	Rechargeable NiMH batteries; AC charger/adapter included
Size	11-1/2 in H × 6 in W × 9-1/2 in D
Weight	10 lb
Product code	SLE/M/83
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Cordless Compound Microscope Used For?

Students use it for the core practicals of a school or college biology course: onion peel and cheek-cell mounts, stained tissue slides, pond-water organisms and yeast. Running on batteries means the microscope can be set up on any bench, in an outdoor or field classroom, or in older buildings where sockets are few and trailing cables are a trip hazard.

The Abbe condenser and iris diaphragm are the keys to a good image: close the iris a little to add contrast to pale, unstained cells, and open it for strongly stained sections. Scan a slide systematically with the mechanical stage rather than pushing it by hand, and rely on the positive focus stops, which limit stage travel so a hurried student is less likely to crack a slide. Recharge the batteries after each day's classes so the microscope is ready for the next session. It is a practical choice when planning a compound microscope set for school labs in India.

Wha