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

Product Name :

Dissecting Microscope

Product Code :

SLE/M/19



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Phone: +91-7082934803

Description :

Dissecting Microscope (Product Code: SLE/M/19) is a low-power microscope with 10x and 20x lenses on a jointed arm, used for demonstrations, close study of small organisms and fine dissection work in school and college biology labs. Detachable rests on both sides of its 70 x 90 mm glass stage steady the hands during delicate cutting, and the high-eyepoint lenses suit spectacle wearers. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India, alongside its dissection kit range.

Specifications

Parameter	Detail
Intended work	Demonstrations, close study of small organisms, fine dissection
Lenses	High-eyepoint, 10x and 20x magnification, comfortable for spectacle wearers
Lens mounting	Jointed arm allowing the whole stage area to be scanned
Stage	Wide glass stage, 70 x 90 mm, with two spring clips
Illumination	Reversible substage mirror / opal-face illuminator, for daylight or artificial light
Focusing	Rack and pinion enclosed in the stage support pillar, knob on eitherside of the pinion spindle
Hand rests	Detachable, one on either side of the stage
Overall height	180 mm
Case	Wooden storage and carrying case with fittings for lenses, hand rests and microscope
Product code	SLE/M/19
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Dissecting Microscope Used For?

The Dissecting Microscope gives a magnified, upright view of specimens that are too thick or too delicate for a slide: flowers and their parts, seeds, small invertebrates and preserved material. The 10x lens shows the overall layout of a specimen, and the 20x lens brings out finer structures such as veins, hairs or mouthparts. With both hands resting on the detachable supports, a student can hold a needle and forceps steadily while watching the cut through the lens.

Swing the jointed arm across the stage to scan the specimen instead of repeatedly moving the specimen itself. Turn the reversible illuminator to its mirror side near a window, or to its opal face under a room lamp for softer, even light, and focus with whichever knob is nearer your free hand. After the class, the lenses, hand rests and microscope pack into the fitted wooden case, which keeps parts together for the next biology lab session.

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