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

Product Name :

Dissecting Operating Microscope

Product Code :

SLE/M/21



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Description :

Dissecting Operating Microscope (Product Code: SLE/M/21) is a floor-standing binocular microscope with co-axial illumination, used to give a magnified, hands-free view of fine dissection and delicate work in teaching and research laboratories. It offers five magnification steps from 2.0x to 40x with a 10x eyepiece, and its solid metal stand rides on heavy castor wheels with locking brakes. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of laboratory instruments and biology lab equipment in India.

Specifications

Parameter	Detail
Stand	Floor stand; solid metallic body on heavy castor wheels with locking brakes
Optical system	Straight optical system
Eyepieces	Straight binocular type, wide field, 10x
Magnification	Five steps, 2.0x to 40x (with 10x eyepiece)
Objective	1x
Fine focusing	Manual
Illumination	Cold-light co-axial illumination; halogen, 100 W
Power input	220–240 V AC, 50 Hz
Product code	SLE/M/21
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Dissecting Operating Microscope Used For?

The Dissecting Operating Microscope suits anatomy, zoology and life-science laboratories where fine dissection or delicate manipulation has to be carried out with both hands while looking through binocular eyepieces. Because the optics are carried on a floor stand rather than a bench base, the work area underneath stays clear for boards, trays and instruments. Co-axial illumination sends light along the viewing axis, which helps light the floor of narrow cavities and folds with fewer shadows.

In use, wheel the stand into place and lock the castor brakes before starting, so the image does not drift. Locate the area of interest at the 2.0x step, then move up through the five steps towards 40x, finishing with the manual fine focus. Connect only to a 220–240 V, 50 Hz supply, and let the 100 W halogen lamp cool before covering or moving the microscope.

What to Specify When Ordering

- Your site mains supply, since the listed input is 220–240 V AC, 50 Hz.
- Number of units and the rooms they will serve.
- Whether spare halogen lamps should be quoted with the microscope.
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