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

Product Name :

Binocular Biological Microscope

Product Code :

SLE/M/08



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

Description :

Binocular Biological Microscope (Product Code: SLE/M/08) is a 1000x LED-illuminated compound microscope used for A Level and higher-education biology, from tissue sections to oil-immersion work on stained smears. Its standout feature is a large 142 x 132 mm double-layer mechanical stage with a 75 x 50 mm moving range, which makes systematic scanning of a whole slide easy. This binocular microscope is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to colleges and senior schools.

Specifications

Parameter	Detail
Head	Binocular
Eyepiece	WF10X/18 mm
Nosepiece	Quadruple
Objectives	Achromatic 4x, 10x, 40x S, 100x S (oil)
Maximum magnification	1000x
Condenser	Abbe condenser, N.A. 1.25, with diaphragm
Focusing	Coaxial coarse and fine adjustment; coarse stroke 36 mm
Stage	Double-layer mechanical stage, 142 x 132 mm
Stage moving range	75 x 50 mm
Illumination	LED
Product code	SLE/M/08
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Binocular Biological Microscope Used For?

This instrument is intended for advanced school and undergraduate practicals: identifying tissues in histology sections, following mitosis in root-tip preparations, performing differential counts on blood films and viewing bacteria under the 100x oil objective. As core cell biology equipment in India's colleges and training labs, it lets students keep both eyes open, which is more comfortable during long observation periods.

The 75 x 50 mm stage travel covers most of a standard slide, so a student can scan a smear in straight, overlapping rows without re-clipping it. Start at 4x to locate the area of interest, centre it, then move up through 10x and 40x before adding a drop of oil for the 100x objective. Close the condenser diaphragm slightly at lower powers for contrast and open it for oil work.

Supplier

ScienceLab is how Jain Scientific Equipments Private Limited of Ambala, Haryana, trades, and the c pe range India