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Product Name :

Research Binocular Microscope

Product Code :

SLE/M/26



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Description :

Research Binocular Microscope (Product Code: SLE/M/26) is a binocular compound microscope with DIN objectives from 4x to 100x oil immersion, used for postgraduate teaching, project work and research slide examination. It pairs a pre-focusing lock with tension adjustment, coaxial focusing on ball-bearing guide ways and high-eyepoint WF 10x (F.N. 20) eyepieces with a die-cast stand and a large double-plate mechanical stage. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Observation head	Binocular, inclined at 45°, rotatable through 360°
Interpupillary distance	Adjustment ring, 54–74 mm
Dioptric adjustment	Ring on the left tube with adjustable dioptric scale
Eyepieces	High eye point, wide field 10x (F.N. 20) or 15x, paired
Objectives	DIN 4x, 10x, 40/45x (S.L.), 100x oil immersion (S.L.)
Nosepiece	Quadruple, revolving on ball bearing
Main body	All parts die-cast for long life and good mechanical strength
Focusing	Coaxial control with ball-bearing guide way and large knobs; pre-focusing (auto-focusing) lock and tension adjustment ring
Condenser	Abbe, N.A. 1.25, with aspherical lens and adjustable iris diaphragm
Illumination	Built-in 6 V–20 W halogen system and plano-concave mirror attachment; suitable for 220 V, 50 Hz AC
Mechanical stage	Large double-plate X-Y type, co-axial and low-positioned, with fine vernier graduation (dimensions confirmed at quotation)
Product code	SLE/M/26
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Research Binocular Microscope Used For?

The Research Binocular Microscope serves university botany, zoology and microbiology departments and research laboratories where the same set of slides is examined again and again. Once the pre-focusing lock is set, a user can lower the stage to change slides and bring it straight back close to the working focus. The tension ring lets each user set how firmly the large focusing knobs turn and helps stop the stage drifting under its own weight.

DIN objectives follow a common standard, which generally makes additional or replacement objectives easier to source later. The high-eyepoint WF 10x eyepieces with a field number of 20 give a wide view that spectacle wearers can use comfortably, and the dioptric ring on the left tube corre le-plate

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