Email : sales@scilabexport.com
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Product Name :

Binocular Microscope, 1000x, LED

Product Code :

SLE/M/106



Science Lab

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Description :

Binocular Microscope, 1000x, LED (Product Code: SLE/M/106) is a compound light microscope with a binocular viewing head and LED illumination, used to examine cells, tissues and micro-organisms at up to 1000x in school, college and teaching laboratories. Its achromatic semi-plan objectives run from 4X to a 100X oil immersion lens, and a 30° inclined head that rotates 360° keeps seated viewing comfortable. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a physics instruments supplier in India.

Specifications

Parameter	Detail
Viewing head	Binocular, 30° inclined, rotates 360°
Eyepieces	Widefield 10X/20mm
Objectives	Achromatic semi-plan 4X/0.10, 10X/0.25, 40X/0.65 and 100X/1.25 oil immersion
Maximum magnification	1000x
Nosepiece	Revolving quadruple, with positive click-stops
Focusing	Coaxial coarse and fine (2 µm), with tension adjustment
Condenser	Spiral-mounted 1.25 N.A. Abbe condenser with iris diaphragm
Stage	140 x 135mm low-position coaxial mechanical stage with sample holder
Stage travel (X/Y)	77 x 25mm
Illumination	3W focusable LED with intensity control
Product code	SLE/M/106
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 1000x Binocular LED Microscope Used For?

This compound microscope covers the full teaching range: the 4X and 10X objectives locate a specimen and show tissue layout, the 40X objective resolves individual cells and nuclei, and the 100X oil immersion objective brings bacteria and fine cell detail into view at 1000x. Two eyepieces reduce eye strain during long practical sessions, and the rotating head lets students on either side of a bench share the instrument.

Start every slide at the lowest power, centre the area of interest with the mechanical stage, then click up through the nosepiece and refocus with the fine control. At 100X, place a drop of immersion oil between slide and lens, and wipe the lens clean with lens tissue afterwards. Use the iris diaphragm and LED intensity control together to balance brightness and contrast.

What to Specify When Ordering