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

Product Name :

Digital Monocular Microscope, LED

Product Code :

SLE/M/16



Science Lab

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Description :

Digital Monocular Microscope, LED (Product Code: SLE/M/16) is a single-eyepiece compound microscope with white LED illumination, used to examine prepared and freshly mounted slides at 40x, 100x and 400x in school science laboratories. Its 45° head and its round 90 mm stage both rotate through 360°, which makes it easy to share across a bench. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to schools looking for a monocular microscope in India and abroad.

Specifications

Parameter	Detail
Observation head	Monocular, inclined at 45°, rotating through 360°
Eyepiece	WF10x/16 mm
Objectives	Achromatic DIN 4x, 10x, 40x
Nosepiece	Triple
Magnifications	40x, 100x, 400x
Focusing	Coarse and fine, on separate axes
Illumination	White LED, non-rechargeable, with intensity control
Stage	Round, 90 mm diameter, rotating through 360°, 5 mm range, with slide clips
Camera / screen	Not listed in the current specification – please confirm the digital output you need
Product code	SLE/M/16
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Monocular LED Microscope Used For?

As a compound microscope, the Digital Monocular Microscope, LED is built for slide-mounted specimens: examining pre-mounted slides, making temporary mounts of onion peel, cheek cells or pond water, and looking at them under high power. Compound optics give a narrow field and a short working distance, so the specimen must be thin enough for light from below to pass through it.

Thick, unmounted material such as insects, plants, rocks and fossils, or micro-dissection work, calls for a stereo microscope instead, which offers low power, a wide field and a long working distance. Many schools keep a few of each. With this model, begin at 4x with the LED turned low, rotate the round stage to line up the specimen, and raise the intensity as you move to 40x.

What to Specify When Ordering

- The digital output you expect (camera, screen or software), since none is listed in the