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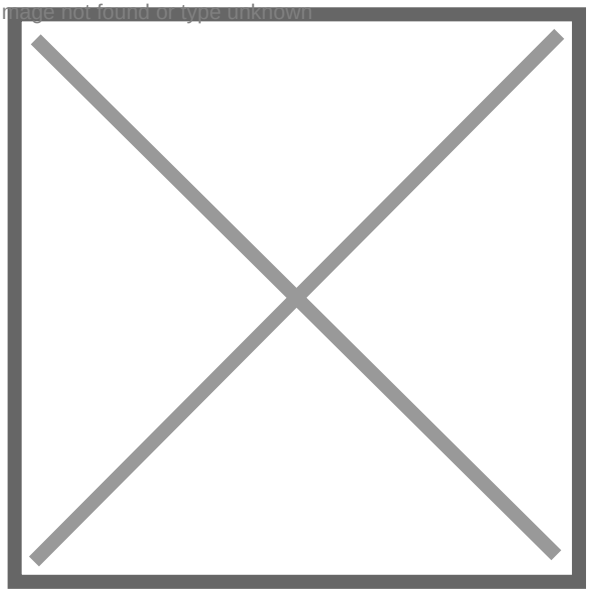
Product Name :

Digital Trinocular Microscope

Product Code :

SCL205/03

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Description :

Digital Trinocular Microscope (Product Code: SCL205/03) is a compound microscope with a built-in 3MP camera and a 10.1 inch Windows tablet, used to view, display and capturespecimens at up to 1000x total magnification in school, college and teaching laboratories.Because the live image appears on the tablet, a teacher can show the whole group the same fieldat once. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, forbiology and microbiology departments.

Specifications

Parameter	Detail
Camera	Built-in, 3MP
Display	Built-in tablet, Windows, 10.1 inch
Total magnification	Up to 1000x
Illumination	X-LED2 (as listed in the specification)
Transmitted (lower) illuminator	LED light, intensity adjustable
Condenser and diaphragm	NA 1.25 Abbe condenser with iris diaphragm
Focus adjustment	Coaxial coarse and fine knobs on both sides
Mechanical parts	All-metal mechanical components
Power supply	AC/DC adapter, input 100–240V
Product code	SCL205/03
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Digital Trinocular Microscope Used For?

In a teaching lab the tablet turns a one-person view into a shared one: the teacher focuses a prepared slide, points out nuclei or stomata on the display, and students then find the same structures through the eyepieces. Captured images can go into worksheets, practical records or project files, and a class can compare its own temporary mounts with a reference image taken on the same instrument. As a compound microscope for biology departments, it suits histology, plant anatomy and pond-water microorganism studies.

For clear images, start at the lowest magnification, centre the specimen and then move up; use the iris diaphragm on the Abbe condenser to balance brightness and contrast rather than relying only on the LED intensity control. The coaxial knobs on both sides let left- and right-handed users focus comfortably. Cover the microscope when it is not in use to keep dust off the optics.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana, suppl ote it tog Scien

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