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

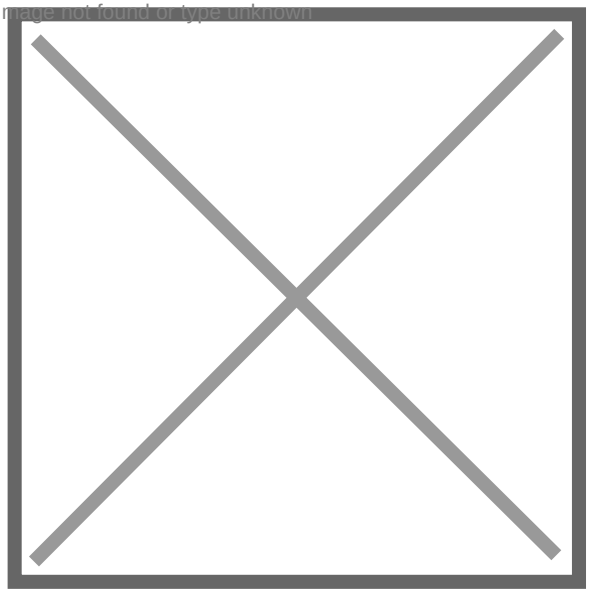
Product Name :

Binocular Microscope

Product Code :

SCL1302/01

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Description :

This Binocular Microscope is a two-eyepiece compound microscope for examining cells, tissues and micro-organisms in school and college biology practicals. It is listed with 10x and 15x eyepieces and 4x, 10x, 45x and 100x objectives, so students can move from a whole-slide overview to fine cell detail while viewing with both eyes.

Binocular microscope optics and build

Parameter	Detail
Type	Binocular (two-eyepiece) compound microscope
Eyepieces	10x and 15x (as listed)
Objectives	4x, 10x, 45x and 100x
Lenses	Easily adjustable
Components	Replaceable
Maintenance	Low maintenance
Portability	Easy to carry
Illumination	Not stated in the listing
Product code	SCL1302/01
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Slide work with the binocular microscope

Onion epidermis mount. Peel the thin inner skin from an onion scale and lay it flat in a drop of water on a plain slide. Add a drop of iodine solution, lower a coverslip from one edge to keep out air bubbles, and find the cells on the 4x objective. Move up to 10x and 45x to see nuclei and cell walls.

Living organisms in pond water. Place a drop of pond water in a cavity slide and cover it. Scan on 4x and 10x to watch protozoa and algae move, then compare them with a prepared protozoa and algae slide set to name what was seen.

High-power view of bacteria. Centre a stained smear from a bacteria slide set on 45x. If the 100x objective is marked for oil, place a drop of immersion oil on the slide and swing it in, focusing gently. Wipe the oil from the lens and slide with lens tissue straight after use.

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