Email : sales@scilabexport.com
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Product Name :

Phase Contrast & Dark Field For Microscopes

Product Code :

SLE/M/41



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Description :

Phase Contrast & Dark Field For Microscopes (Product Code: SLE/M/41) is a turret phase-contrast attachment set used to make transparent, unstained specimens visible in biology, microbiology and research laboratories. It comprises four plan phase objectives and a precision turret condenser with matching annuli, plus a zero position for ordinary bright field. It is suppliedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as biology lab equipment inIndia and abroad, for labs adding microscope phase contrast.

Key Details

Parameter	Detail
Type	Turret phase contrast equipment
Objectives	Four plan phase objectives: PLPH-10x, PLPH-20x/25x, PLPH-40x, PLPH-100x
Condenser	Precision turret condenser unit with optical annuli matched to all four plan phase objectives
Bright-field use	Neutral "zero position" on the turret for normal bright-field microscopy
Supplied with	Centering telescope and green filter
Dark field	Named in the product title; please confirm the dark-field arrangement with us
Product code	SLE/M/41
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Phase Contrast Attachment Used For?

Living cells, protozoa, cheek epithelium and many bacteria are almost transparent, so under ordinary bright field they look faint unless they are stained — and staining usually kills them. Phase contrast turns the tiny delays that light suffers passing through different parts of a cell into differences of brightness, so nuclei, membranes and organelles appear with clear contrast in living, unstained material.

To set up, turn the condenser turret to the annulus that matches the phase objective in use, then look through the centering telescope in place of an eyepiece and centre the bright ring on the dark phase ring. Place the green filter in the light path for a crisper image. Turning the turret to the zero position returns the microscope to normal bright-field work for stained slides.

What to Specify When Ordering

- The make and model of the microscope the set will be fitted to, so compatibility can be checked
- Your choice of 20x or 25x for the second phase objective
- Whether you need a dark-field facility, so the arrangement can be confirmed
- Number of sets

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