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Product Name :

Micrometric Slide

Product Code :

SLE/PS/02



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Description :

Micrometric Slide (Product Code: SLE/PS/02) is a glass stage graticule slide used to calibrate a microscope's eyepiece scale in biology and microscopy teaching laboratories. Its 1 mm scale, divided into 0.01 mm steps, lets students convert eyepiece divisions into real distances before they measure or count cells. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, among its biology lab equipment in India, as a companion to the micrometer eyepiece.

Specifications

Parameter	Detail
Also known as	Stage graticule slide
Material	Glass
Slide size	26 x 76 mm
Scale range	1 mm
Divisions	0.01 mm (10 µm)
Microscope type	Transmitted light microscopes
Used with	Micrometer eyepiece
Purpose	Manual microscope calibration for cell counting
Product code	SLE/PS/02
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Micrometric Slide Used For?

The scale inside a micrometer eyepiece has no fixed real value: what one division covers changes with every objective. To find it, place the Micrometric Slide on the stage, focus on its scale, and rotate the eyepiece until both scales lie side by side. Note how many eyepiece divisions match a known number of 0.01 mm steps on the slide, then divide to get the value of one eyepiece division for that objective.

Repeat the procedure for each objective and keep the values in a table beside the microscope. Students can then measure cells, pollen grains or other specimens directly and apply the calibration in cell counting work. Handle the slide by its edges, clean it gently with lens tissue, and keep it in a slide box so the scale stays free of dust and scratches.

What to Specify When Ordering

- The number of slides, usually matched to the number of microscopes or student groups doing calibration.
- Whether you also need a micrometer eyepiece, since the slide is used together with one.
- That your microscopes use transmitted light, the type this slide is intended for.

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