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

Product Name :

Crack Measuring Microscope

Product Code :

SLE/CE/43



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Description :

Crack Measuring Microscope (Product Code: SLE/CE/43) is an optical instrument used to measure the width of cracks in concrete members, masonry walls and other structures during condition surveys and civil engineering laboratory work. An adjustable lamp unit lights the crack,a knob brings the image into focus, and the eyepiece scale turns through 360° to line up with the crack direction. **Jain Scientific Equipments Pvt Ltd (ScienceLab)** makes it as an OEM manufacturer at its own factory in Ambala, India.

Key Details

Parameter	Detail
Application	Measuring crack widths in concrete members, masonry walls and other structures
Illumination	Adjustable lamp unit
Focusing	Image focused by turning a knob
Eyepiece scale	Rotates through 360° to align with the direction of the crack or pitch under examination
Product code	SLE/CE/43
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Crack Width Microscope Used For?

Crack width is one of the first things an engineer records when assessing a building, bridge or retaining wall, because it helps separate harmless shrinkage cracking from damage that needs repair. The microscope is placed on the surface over the crack, the lamp is adjusted to light the edges clearly, and the image is focused with the knob. The eyepiece scale is then rotated until its graduations sit square across the crack, and the width is read directly.

Marking each measured point and repeating readings at intervals shows whether cracks are stable or still opening, which guides repair decisions. The same instrument lets students see crack patterns from load tests on beams and slabs in the laboratory. Keep the optics clean, store the unit in a dry place, and check the lamp before site visits. It is a practical choice for engineering lab equipment used in structural and materials courses.

OEM Manufacturer

ScienceLab is the brand of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) that produces this Crack Measuring Microscope at its own licensed factory in Saha, Ambala, Haryana. Colleges, survey consultants, testing laboratories, dealers and importers are supplied factory-direct, and follow-up orders or parts requests go straight to the maker — ask us. Buyers completing vendor forms can use GSTIN 06AAECJ8618A1ZT and LEI 3358

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