Email : sales@scilabexport.com
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Product Name :

Research Trinocular Ore Microscope

Product Code :

SLE/M/29



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Description :

Research Trinocular Ore Microscope (Product Code: SLE/M/29) is a trinocular research microscope used to examine ore and mineral specimens in geology, mining and materials laboratories. University departments choose it for its 360° round stage read to 0.1° with a vernier and its set of gypsum, mica and quartz wedge compensators. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory instruments supplier in India serving colleges and research institutes.

Specifications

Parameter	Detail
Observation head	Flat trinocular head inclined at 45°
Eyepiece	10x / 20 mm
Cross (partition) eyepiece	10x / 20 mm
Grid eyepiece	10x / 20 mm
Objectives	4x, 10x, 25/40x, 60/63x
Nosepiece	Quadruple
Compensators	Gypsum 1?, mica ¼?, quartz wedge
Stage	Revolving round stage, approx. 160 mm diameter, 360° rotatable, graduated in 1° increments
Stage least count	0.1° with vernier
Illumination	12 V / 20 W lamp, brightness adjustable
Power supply	110–220 V
Optional accessories	Digital high-resolution photographic camera with microscope adapter; digital CMOS camera with high colour depth and live images on a computer
Product code	SLE/M/29
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Ore Microscope Used For?

An ore microscope lets geology and mining students study ore minerals, their textures and the way grains intergrow in prepared specimens. The 45° trinocular head gives relaxed two-eye viewing while the third port stays free for one of the optional cameras, so a whole class can follow the same field on a computer screen.

The graduated round stage does most of the measuring work: turn the specimen through 360°, read the angle on the 1° scale and refine it to 0.1° with the vernier. Slide in the gypsum, mica or quart ece to ce