



IE200M is a economical professional inverted metallurgical microscope.

Equipped with Long Working Distance Plan Metallurgical Objectives.
High quality mechanical structure, and optics. With coaxial mechanical stage.
Trinocular head allows the addition of cameras via C mount.



Large Mechanical moving Stage

Featuring a large 180mm x 155mm specimen stage
Allowing specimens of different diameters and heights
The drop shape metal stage (12mm central hole) facilitates
the observation of small samples.
The stage is equipped with rotating handle for adjusting
specimen orientation also for Polarizing observation



Long Working Distance Metallurgical Objectives

With enhanced chromatic aberration correction.
This improves image resolution and colour fidelity.

Optical system	Finity(160mm) colour corrected optical system
Viewing head	Gemel trinocular, 45°inclined, Diopter adjustment ± 5 for each side Interpupillary distance adjustable between : 54-75mm, refract rate, trinocular =80%:20%
Eyepiece	High eye point wide field plan eyepiece PL10X/18mm
	High eye point wide field eyepiece WF15X/13
	High eye point wide field eyepiece WF20X/10mm
Metallurgical objective	LWD plan achromatic metallurgical objective 5X, 10X, 20X, 50X、(100X)
Nosepiece	Reversed quintuple nosepiece
Focusing adjustment	Low position coaxial coarse and fine adjustment. with tightness adjustment. Coarse adjustment range 38 mm. Precision of fine adjustment:2um,
stage	Three-ply mechanical stage area 180mmX155mm, right hand low position control. Moving range:75mm×40mm; Metal stage plate centre hole dia.φ12mm
Illumination system	Reflection Koehler illumination with iris diaphragm and enterable field diaphragm , wide-range voltage 90-240V , 5W LED, with continuous intensity
Polarizing kit	Polarizer and the analyser can be removed from the optical path; the analyser can be rotated 360 °.
Photo accessories	Photo tube with PK mount) , photo eyepiece 3.2X
Video accessories	CTV 0.35x,0.5X,0.65x,1.0X



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