

# EROSE INVERTED METALLURGICAL MICROSCOPE



## Inverted Metallurgical Microscope -

It has been designed for the examination of large size specimens which generally cannot be placed on the stage of upright microscopes. This design is often favoured by metallurgists and industrial users because it saves time and is so convenient to use.

Base	Large sturdy base provides stability to the microscope and houses the solid state transformer for working of illuminator.
Stage	Co-axial low positioned knobs provide x & y motion to the specimen placed on the triple sturdy stage of 130 x 120 mm size. Two stage clips are provided in drilled holes to accommodate the specimen.
Illumination	Brilliant illumination based on Koehlar system is provided on the side of microscope which is conveniently located in housing accommodating precentered 12v 50w halogen, Powered from the base built-in variable intensity control transformer. Housing incorporates condenser Lenses, iris diaphragm and slot for filters.
Focusing	The large focus control knobs located low down at a convenient position. The back lash free rack & pinion mechanism has 15mm range.
Fine Focusing	Highly sensitive, accurate, reading to .002mm is provided.
Nose Piece	. Quadruple revolving turret nose piece with positive click stops.
Binocular Head	The Binocular observation tube is 45" inclined. It is replacable with Trinocular Head.
Objectives	Parafocal achromatic objectives 5x. 10x 20x & 40x are provided.
Eye Pieces	WF10x (paired) coated and with eye gaurds.
Camera Port	Camera port is provided on the microscope for photo micrography

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