



METAVIS ADVANCED INVERTED METALLURGICAL MICROSCOPE



Metavis Advance Inverted Metallurgical Microscope Model MVMS I 310

Model MVMS I 310 is suitable for metallography. It can be used in industrial as well as scientific research & teaching applications.

Inverted design of **IM 310** enables it to be used for samples polished from only one side thus eliminating the necessity of preparing moulds.

MVMS I 310 is equipped with infinity Plan Achromatic objectives & extra wide field eye piece. The microscope is equipped with large stage with Co axial control with coarse and fine movement for precise focusing. It provides clear and high contrast images.

Due to Trinocular head design along with C-Mount Adapter the microscope can be upgraded with digital camera to function as a standalone digital microscope or a complete image analyzer.

Specifications

MODEL	MVMS I 310
Type	Inverted
Optical System	infinity Optical System
Objectives (Infinity corrected)	M Long working distance plan 5X M Long working distance plan 10X M Long working distance plan 20X M Long working distance plan 50X
Eye Piece	Wide field 10X (paired) F.O.V. 22mm.
Viewing Head	Siedentopf observation head inclined at 45°. Diopter adjustment ring on ocular tube (±5). Inter-pupillary distance is from 53mm to 75mm
Illumination	5W LED Bright Field illumination, with analyzer, polarizer observation
Mechanical Body	Co-axial focusing system comes with large knobs. It also includes PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING. It Has Quintuple nosepiece on ball bearing.
Filters	Blue
Stage	Mechanical stage is 210mm X 180mm and moving range 50mm X 50mm The Mechanical stage is low positioned co-axial controls on ball bearing guide ways.
Trinocular Port	Focusable vertical tube for Digital Microphotography.

Additional Optional Accessories

Objective	M Long working Distance Plan Achromatic 100X (WD 2.0mm)
Polarizing Outfit	Analyzer rotatable at 360°. Polarizing & Analyzer can be slide in/out of the optical path.
Eye pieces with Reticule	WF 10X/18mm (Reticule) 0.1 mm / Div
Camera	The microscope can be offered with high resolution microscope imaging camera.
Metallography Software	Advanced Image Analysis software for Metallography can be offered along with the microscope.



Medimage Technologies Pvt. Ltd.

3A, Type II, I.E., Kukatpally, Hyderabad (T.S.), India - 500 072

Ph: 91-040-23075680
Fax: 91-040-23070848

Email: info@metavis.com
Web: www.metavis.com