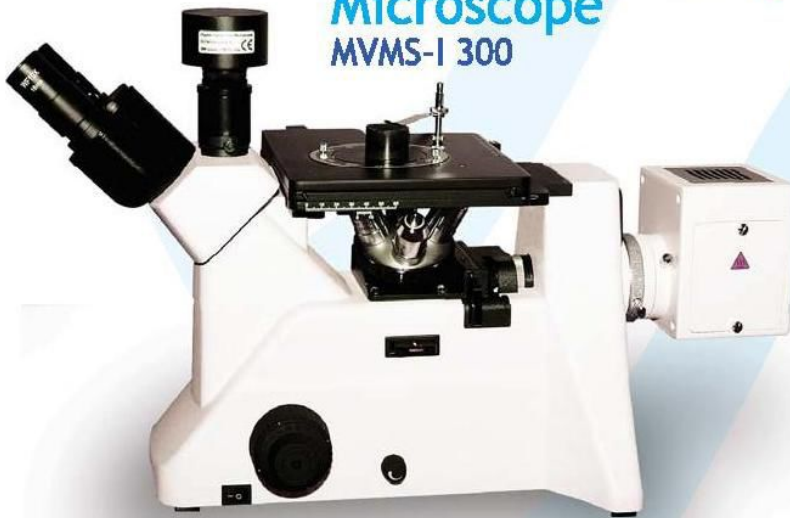


Inverted Metallurgical Microscope

MVMS-I 300



Upright Metallurgical Microscope

MVMS-U 300



Metavis Metallurgical Microscope

Metavis Metallurgical Microscopes are suitable for Metallography, Precision Engineering, Engineering Institutes and Industries.

Metavis Metallurgical Microscopes are used for industrial, scientific research and teaching applications.

Metavis series of Microscopes are offered in two varieties, **MVMS U300** is an Upright Model, suitable for moulded samples. **MVMS I300** is an Inverted Model suitable for samples even polished from only one side.

The Metavis Microscopes are equipped with plan achromatic objectives, widefield eyepiece, and polarizer. The Microscope is equipped with large stage with Co axial controls with coarse and fine movements for precise focusing. It provides clear and high contrast Images, convenient operations.

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

Specifications

MODEL	MVMS-U 300	MVMS-I 300
Type	Upright	Inverted
Eye Piece	Wide Field WF 10X / 18 mm	Wide Field WF 10X / 18mm
Objective	Plan Achromatic 5X/0.12 Plan Achromatic 10X/0.25 Plan Achromatic 20X/0.40 Plan Achromatic 50X/0.70	Plan 4X/0.10 Plan 10X/0.25 Plan 20X/0.35 Plan 40X/0.65
Eyepiece Tube	Trinocular , inclined at 30°	Trinocular, Inclined at 45°
Vertical illumination unit	6V/30W , Halogen lamp, adjustable brightness Vertical illumination with field diaphragm Polarizer / Analyzer is supplied	6V / 30W, Halogen lamp, Adjustable brightness Vertical illumination with field diaphragm. Polarizer / Analyzer is supplied.
Focus system	Stage adjustable, coaxial coarse / fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2µm	Stage adjustable, Coaxial coarse / fine focus system with tension adjustable and limit stopper, minimum division of fine focusing: 2µm
Filters	Blue, Green, Grey, White	Blue, Green, Grey, White
Stage	Stage Size: 210mm x 40mm	Stage Size: 180mm x 165mm,
CCD adapter	Travel range: 75mm x 50mm In built	Travel Range: 50mm x 40mm In built.
Optional Accessories		
Eyepiece	WF 10X / 18mm (Reticule) / (0.1mm / Div)	WF 10X / 18mm (Reticule) / (0.1mm / Div)
Objective	Plan Achromatic 100X / 0.80 (dry)	Plan Achromatic 100X / 0.80 (dry)
Reduction Lens	0.5X Reduction lens	0.6X Reduction lens



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