

Inverted Metallurgical Microscope

This inverted metallurgical trinocular microscope is ideal for both industrial or educational metallurgy applications. The trinocular head allows for the addition of any c-mount microscope camera. The microscope comes standard with infinity plan achromat LWD 10x, 20x, 50x, and 80x, 100X(optional) objectives and includes a pair of 10x eyepieces an a separate eyepiece with reticle installed. The drop down stage controls are ergonomically positioned to provide comfort and ease of use for the operator. It is well suited for examination of mounted metallurgical specimens or for routine quality inspections such as micro-structure analysis, various materials testing, QA and QC examination and photomicrography. It is also equipped with yellow, blue, green, and polarizing filters.



Technical Specification

MODEL	HIM-1000X
Observation Tube	Trinocular head (inclined at 30°)
Interpupillary distance	48-75mm
Eyepiece	WF10X/20mm, WF10X/18mm reticule eyepiece
Objective	Infinity plan achromatic 10X, 20X(spring), 50X(spring), 80X(spring), 100Xspring (optional) objectives
Stage	Mechanical stage with size 180x155mm X-Y travel is 80x50mm
Focusing	Coaxial focusing knob, fine focusing is graduated in increments of 1um
Nosepiece	Quintuple nosepiece with Infinity Corrected F=200MM
Illumination	12V 50W halogen lamp
Power supply	100-240V
Standard accessories	<ul style="list-style-type: none"> • Dust cover • blue/ yellow/ green filter • fuse • simple polarization