



Model:  
**IM-3MET**

Typology:  
**INVERTED RESEARCH MICROSCOPE**

**Description:**  
*Laboratory inverted microscope for research applications.  
Dye-cast frame, with high stability and ergonomy,  
for reflected light observation.*

<b>Illumination</b>	Halogen bulb 12V/50W; intensity light control using a knob on the left side of the frame. Voltage: 110/240Vac, 50/60Hz, 1A ; Fuse: T3.15A 250V. Max power required: 62W		
<b>Observation Modes</b>	Brightfield, polarised light.		
<b>Focusing</b>	Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.		
<b>Stage</b>	Fixed stage, dimensions 250x160 mm. Metal stage insert with hole for small dimension specimens. <b>OPTIONAL:</b> Mechanical stage mountable on the right side of the stage, total dimension=250x230 mm, X-Y translation range 120x80 mm. Metallic interchangeable inserts as sample holder. Pair of side extensions to expand the surface of the stage .		
<b>Diaphragms</b>	Field and aperture diaphragms (centrable).		
<b>Nosepiece</b>	Quintuple revolving nosepiece, rotation on ball bearings.		
<b>Head</b>	Trinocular observation head, inclined 45°. Diopter adjustment on left eyepiece. Interpupillary adjustment 50-75 mm.		
<b>Eyepieces</b>	Wide field eyepieces WF10X/22 with field number 22.		
<b>Objectives</b>	Infinity corrected optical system IOS (Infinity Optical System). Plan-achromatic LWD objectives infinity corrected, made by following objectives: -) Plan-achromatic IOS 5X LWD, A.N. 0,15, W.D. 10,8 mm -) Plan-achromatic IOS 10X LWD, A.N. 0,3, W.D. 10 mm -) Plan-achromatic IOS 20x LWD, A.N. 0,45, W.D. 4 mm -) Plan-achromatic IOS 50X LWD, A.N. 0,55, W.D. 7,9 mm All objectives are treated with an anti-fungus treatment.		
<b>Dimensions</b>	HEIGHT:	390 mm	
	WIDTH:	220 mm	WIDTH WITH OPTIONAL MECHANICAL STAGE: 300 mm
	DEPTH:	680 mm	
	WEIGHT:	9 kg	
<b>Accessories</b>	Polarizing filter, rotatable analyzer filter, blue and green filter. Instruction manual and dust cover included.		



**Wolflabs**

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

