



Model:  
**XDS-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 250x230 mm. Mechanical stage mountable on the right side of the stage, X-Y translation range 114x81 mm. Metallic interchangeable inserts as sample holder. Pair of side extension to expand the surface of the stage .
<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 55-75 mm.
<b>Eyepieces</b>	Wide field eyepieces EWF10X/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, N.A. 0.14, W.D. 20.5 mm -) Plan-achromatic IOS 10X LWD, N.A. 0.25, W.D. 16.1 mm -) Plan-achromatic IOS 20x LWD, N.A., 0.40, W.D. 8.2 mm -) Plan-achromatic IOS 50X LWD, N.A. 0.70, W.D. 1.8 mm All objectives are treated with an anti-fungus treatment.
<b>Dimensions</b>	HEIGHT: 390 mm WIDTH: 300 mm DEPTH: 600 mm WEIGHT: 9 kg
<b>Accessories</b>	Polarizing filter, rotatable analyzer filter. Instruction manual and dust cover included.