

PriorLuxMET Metallurgical Microscope

PRIOR
Scientific

High Grade Metallurgical Microscope for Routine Laboratory and Educational Use



The PriorLuxMET Metallurgical Microscope continues the tradition of high quality, robust, convenient to use and highly cost effective microscopes from Prior Scientific Instruments.

The Instrument is configured for true Köhler illumination. This means perfect lighting for your specimens with matching clarity, contrast and resolution.

The microscope stand is constructed to the highest standards making this instrument robust without compromising its ergonomic features. These include wide (18mm) field of view eyepieces, comfortable wrist supports integrated into the base and low stage and focus controls.

Features

- High Quality Optics
- 18mm FOV Eyepieces
- Monocular, Binocular or Trinocular Versions
- Smooth & Precise Stage Controls
- Low Mounted Co-Axial Coarse and Fine Focus Controls
- 30W Halogen Illumination
- Köhler Illumination
- Reverse Facing Nosepiece Giving Easy Access to Specimen Area
- High Quality Semi-Plan Metallurgical Objective Lenses

PriorLuxMET Specifications

Optical system		Infinity Corrected optical system
Illumination		12V 30W halogen bulb 100-120V/220-240V ~ 0.85/0.45A 50/60Hz
Focusing		Stage height movement by roller guide (rack & pinion) Tension adjustment on coarse focus adjustment
Revolving nosepiece		Fixed quadruple nosepiece with inward tilt
Viewing Head	Field number	18
	Tube inclination	30°
	Interpupillary distance adjustment range	55mm – 75mm
Stage	Control	Ergonomic positive-drive coaxial XY stage control
	Size	188 (W) x 145 (D) mm
	Movement range	75mm X direction, 55mm Y direction
	Specimen holder	Accommodates 1 or 2 standard glass slides
Dimensions & weight		195 (W) x 405 (H) x 377 (D) mm approximately 8 kilos

High Quality Achromatic Objectives	
Objective	Numerical Aperture (N.A.)
10 x	0.25
20 x	0.40
40 x	0.65
80x	0.85



CERTIFICATE NO: FM 61600
STANDARD: BS EN ISO 9001:2000

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