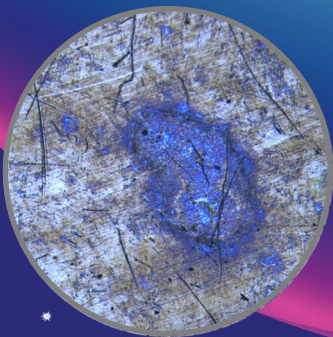


EXAMET-5 Microscope Series

- New & redesigned optical system produces ultra-sharp, crisp images
- Redesigned 5 watt LED illumination system for transmitted & reflected illumination
- New robust, ergonomic design engineered to withstand years of heavy use



Advanced Semi-Apochromatic M Infinity Plan Optics & Ergonomic Design

The EXAMET-5 is a new industrial metallurgical microscope designed for brightfield, material science applications, metal manufacturing, metallurgy, fabrics/textiles, wafers, optoelectronics, composites and microelectronics.

The advanced Semi-Apo LWD M Infinity Plan Optics, ergonomic design, and digital capabilities make the EXAMET-5 Series an outstanding and cost effective choice for today's modern metallurgist. The EXAMET-5 Series is available with either reflected illumination or with reflected and transmitted illumination.

Standard Specifications

- Trinocular viewing head with 50/50 split (light distribution 100% binocular, or binocular/trinocular 50%/50%)
- Viewing heads are inclined 30° and rotatable 360°
- Interpupillary distance adjustment range of 54mm — 75mm
- High eyepoint widefield plan 10x eyepieces with a 23mm field of view
- Reversed quintuple nosepiece
- Long working distance M Infinity Plan Achromat 5x, 10x and 20x objectives
- Long working distance M Infinity Semi-Plan Apo 50x objective
- Low position coaxial focusing system with tension adjustment
- Mechanical Stage: 175mm x 145mm with a 76mm (X) x 42mm (Y) movement range
- On Reflected models, specimens of a height of up to 50mm can be observed
- On Reflected/Transmitted models, specimens of a height of up to 30mm can be observed
- 5 watt variable LED reflected illuminator with field and aperture diaphragm
- On the Reflected/Transmitted models, 5 watt LED transmitted illuminator with field diaphragm
- Universal power supply (90v-240v)

Optional Accessories

- Digital cameras and c-mount adapters
- M Infinity Semi-Plan Apo 100xR objective
- HWF 16x/15mm eyepieces
- Polarizer and Analyzer
- Yellow, blue, green, red or neutral density filters
- Reticles and stage micrometers

Optical Data

Magnification	N.A.	Working Distance (mm)	Coverslip Thickness
5x	0.15	10.80	0
10x	0.30	10.0	0
20x	0.45	4.0	0
50xR	0.55	7.90	0
100xR	0.8	2.1	0



Cat #14350
Reflected
(Shown with camera)



Cat #14351
Reflected & Transmitted

ISO 9001
Certification

Design and production adheres to ISO9001 international quality standard.



ISO 14001

Certification
Design and production meets the requirements of international standard ISO 14001 for environmental management.