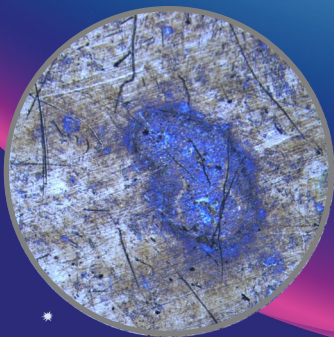


# EXAMET-5 Microscope Series

- 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



# EXAMET-5 Microscope Series

UNITRON®

## 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

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Microscope Experts since 1979

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V.040315



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.

UNITRON®