EXAMET-4
Microscope Series

Advanced Semi-Apochromatic
M Infinity Plan Optics & Ergonomic Design

UNITRON's newly designed EXAMET-4 is a new industrial metallurgical microscope designed for production lines, material science applications, metal manufacturing, metallurgy, and a variety of other samples.

The advanced Semi-Apochromatic M Infinity Plan Optics, ergonomic design, and digital capabilities make the EXAMET-4 Series an outstanding and cost effective choice for today's modern metallurgist. The EXAMET-4 Series is available with either reflected illumination or with reflected and transmitted illumination.

Standard Specifications

- Trinocular viewing head with 20/80 split (light distribution 100% binocular, binocular/trinocular 20%/80%)
- Viewing heads are inclined 30° and rotatable 360°
- Interpupillary distance adjustment range of 54mm — 75mm
- High eyepoint widefield plan focusing 10x eyepieces with a 22mm 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 Apochromat 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
- 3 watt variable LED reflected illuminator with field and aperture diaphragm
- On the Reflected/Transmitted models, 12 volt 50watt halogen transmitted Illuminator with field diaphragm
- Universal power supply (90v-240v)

Optional Accessories

- Digital cameras and c-mount adapters
- M Infinity Semi-Plan Apochromat 100xR objective
- Plan 15x/16mm or WF20x/12mm eyepieces
- Polarizer and Analyzer
- Yellow, blue, green or neutral density filters
- Reticles and stage micrometers

Optical Data

Magnification	N.A.	Working Distance (mm)	Coverslip Thickness
5x	0.14	20.5	0
10x	0.25	16	0
20x	0.4	7.8	0
50xR	0.55	7.9	0
100xR	0.8	2.1	0

Cat #14250
Reflected
(Shown with camera)

Cat #14251
Reflected & Transmitted

ISO 9001
Certification
Design and production adheres to ISO9001 international quality standard.

CE
RoHS

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

UNITRON®