

UNITRON and MSI Viking Join Forces: Affordable Excellence in Routine Microscopy!



MSI
VIKING

UNITRON

Stereo microscopes for Magnification Ranging from 5x – 160x with Wide Ranges of Illumination Options

Z645 Stereo Microscope



- Routine microscope for inspection
- High resolution at an affordable price
- Engagable click stops at magnification that ensure calibration
- Variety of stands available such as base lighting, and boom style

Z10 Zoom Stereo Microscope



- Higher magnification stereo up to 160x (using 10x23 eyepieces)
- More flexibility and options for illumination
- Tilting and extending eyepieces for ergonomics
- Variety of stands available such as base lighting, and boom style

Upright microscopes for magnifications ranging from 50x – 1000x

EXAMET-5 Microscope



- 50x up to 1000x optical magnification
- Mechanical Stage: 175mm x 145mm with a 76mm (X) x 42mm (Y) movement range
- Digital cameras up to 20mp
- Transmitted and reflected light polarization available

Inverted Metallurgical Microscopes for Magnifications Ranging from 50x-1000x

Versamet 4 Microscope



- With brightfield, darkfield, DIC, and Polarized light with magnification range from 50x-1000x
- Outstanding image resolution and clarity
- 50x up to 1000x optical magnification
- Mechanical Stage: 240 x 250mm integrated three-layer mechanical stage; movement range: 50 x 50mm; X-Y
- Supports a variety of observation methods including brightfield, darkfield, polarized light, DIC
- Digital cameras up to 20mp
- Compatible software available for metallurgical applications such as grain analysis, INCLUSION, SPHERODIZATION, COATING THICKNESS, porosity

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Digital microscopes for visual inspection and calibrated image measurements

AshCal™ Omni 3 is factory calibrated to ISO 17025 before shipping.

OMNI 3

DIGITAL MICROSCOPE SYSTEM



- RTLDC™ Real-Time Lens Distortion Correction Lens distortion is inherent in all microscopes. Image distortion at the outer edges of large samples is automatically corrected by the Omni 3.
- Digital microscopes for visual inspection and calibrated image measurements
- Repeatable Measurements Automatic edge detection for repeatable and reproducible patented measurements that reduce variability between users.
- Customizable Workflows Create custom workflows to standardize and control inspection processes from user to user.
- User Privileges User privilege settings enable operational control and traceability. Assign multiple users with access to different settings and features improving security and streamlining the inspection process.

- Interchangeable Lighting Multiple types of interchangeable lighting are available, including Ring Light, Dome Light, Polarized Light and UV Light to address any inspection application.
- Image Stamping Image Stamping with time, date, user, and magnification level. Easy documentation & traceability for accurate quality control records using image capture to USB key.
- Save to Network Networking enables direct saving to the server or cloud for increased workflow efficiency.
- Email Save time by emailing directly from Omni 3
- Internal & External Storage USB and internal storage of images or graticule files for off network saving.

Most units are IN STOCK for prompt delivery.

Scan QR for a complete selection of Digital microscopes

