



## Enhance Your Metallographic Analysis

Continuous Zoom Lens! Adjustable LED illumination! Integrated HD Camera & Connectivity

SPECIFICATION	VM-100 DESCRIPTION
Illumination Techniques	Oblique Illumination
Objectives	0.7 X ~ 4.5X Horizontal zoom lens (Zoom ratio: 6.5:1)
Camera Parameter	2 million pixel (1920 x 1080) Image size: 1/2.86-inch Frames per second: 30 fps
Camera Function	<ul style="list-style-type: none"> <li>White balance, brightness control, digital noise reduction</li> <li>Photograph and video recording</li> <li>VGA/USB Out put, SD card storage</li> <li>Cross hairline, Picture frozen, 10 X digital magnification</li> </ul>
Measuring Function	Optional PC System and measuring software can measure image in field of view
Interpupillary Adjustment	2 ~ 3-inch (52 ~ 76 mm)
Microscope Stand	Z-axis Travel: 6-inch (150 mm), Coarse/fine lifting system
Electrical Parameters	90~240 V; 50~60 Hz
Dimensions (W x D x H)	11.4 x 11 x 15.7 inches (290 x 280 x 400 mm)
Weight	10 lbs (4.7kg)

**2 year warranty**

Limited warranty



### Exceptional Imaging Quality

Introducing the VM-100 Digital Metallographic Stereo Microscope, a cutting-edge optical instrument designed for superior reproduction and true color imaging of metallographic specimens. This microscope excels in delivering high-resolution images, ensuring that every detail is captured with remarkable clarity and accuracy, making it an indispensable tool for detailed specimen analysis.

### Versatile Magnification Range

With an electronic magnification range of 0.7X to 4.5X and a zoom ratio of 6.5:1, the VM-100 Digital Stereo Microscope is perfect for low magnification documentation. It allows for thorough examination of metallographic specimens before polishing and grinding. This versatility, combined with features such as a precision coarse and fine lifting system and fast, easy switching of objective magnification, makes it an essential tool for any laboratory or research setting.

### Precision in Measurement

It's invaluable for measuring cracks, weld penetration depth, and other topographical features with high accuracy. Equipped with a built-in full HD sensor, VGA integrated camera, and adjustable LED illumination, this microscope ensures that you have the best tools at your disposal to achieve precise and reliable measurements. Whether you are involved in material science, quality control, or research, the VM-100 Digital Metallographic Stereo Microscope provides exceptional imaging and measurement capabilities to support your work.

