

VM-500

DIGITAL STEREO MICROSCOPE

Redefine Microstructural Analysis

Digital High Resolution Stereo | AutoFocus | Built-in Measuring Software

2 year warranty

Limited warranty

| SPECIFICATION | VM-500-PLUS DESCRIPTION |
|----------------------------------|---|
| Illumination Techniques | Oblique Illumination with Auto Focus |
| 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: 1080P@60 fps |
| Camera Function | <ul style="list-style-type: none"> • White balance, brightness control, digital noise reduction • Photograph and video recording • VGA/USB Out put • Cross hairline, Picture frozen, 10 X digital magnification |
| Measuring Function | Linear dimensions such as distance, perimeter, area, angle, radian, width, height, and radius elements are measured |
| Interpupillary Adjustment | 2 ~ 3-inch (52 ~ 76 mm) |
| Microscope Stand | Z-axis Travel: 4-inch (100 mm), Coarse/fine lifting system |
| Electrical Parameters | 90~240 V; 50~60 Hz |
| Dimensions (W x D x H) | 14.8 x 11.2 x 19.7 inch (375 x 285 x 500mm) |
| Weight | 14 lbs (6.5kg) |



Versatile Magnification & Auto Focusing

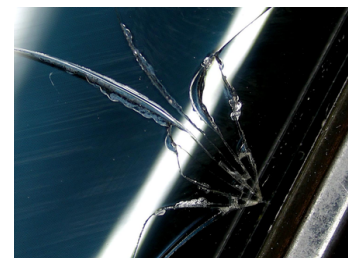
The VM-500 digital stereo microscope offers 0.7X to 4.5X magnification with auto focusing for sharp images. Ideal for metallographic specimens, it features a high-definition sensor and VGA camera for high-resolution photo and video capture, with built-in measurement capabilities.

User-Friendly Features

With auto focusing, a high definition 0.7-4.5X zoom lens, and easy objective switching for efficient workflow. The precision coarse and fine lifting system allows accurate focusing, while adjustable LED illumination provides optimal viewing with independent control of bottom and surface lighting.

Full HD Display & Simple Connectivity

The VM-500 includes a 22-inch Full HD Widescreen LCD monitor for clear image display. The built-in HD sensor and VGA camera connect directly to the monitor, while the simple interface, including a 12V power supply, USB, and VGA output, ensures easy setup and operation.



Stereo microscope image of cracked phone screen



Machinery directive 2006/42/EC
RoHS Directive 2011/65/EU



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