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UV-VIS-NIR Nd:YAG Laser Line Vertical Mitutoyo Video Microscope Unit

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S\$17,500^{.00}

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

378-508	Model Number:
UV-VIS-NIR	Range:
Vertical Mount, Brightfield, Erect Image	Type:
Mitutoyo	Manufacturer:

Compatible Objectives: MPlan Apo/HR/SL, MPlan NIR/NUV, and MPlan UV	
Note: Note: Magnification: 1X Tube Lens Optional C-Mount adapter #37-044 available for dual-camera system	

Physical & Mechanical Properties

Weight (g):	
1300	

Optical Properties

Design Wavelength DWL (nm):	
266, 355, 523, 1064nm	
Magnification:	
1X	

Sensor

Maximum Sensor Format:	
2/3"	

Threading & Mounting

Mount:	
C-Mount	
Mounting Threads:	
Objective Mounts: M26 x 36 TPI	

Regulatory Compliance

RoHS 2015:	
Exempt	
Certificate of Conformance:	
View	
REACH 241:	
Contains SVHC(s)	

Product Details

- Designed for use with [Mitutoyo NIR, NUV, and UV Infinity Corrected Objectives](#)
- Maximum Sensor Size up to 2/3"
- Ideal for Laser Processing and Machining applications

Mitutoyo Nd:YAG Laser Line Video Microscope Units (VMU) allow for quick and easy setup of laser processing systems by connecting an infinity corrected objective to a c-mount camera. Optimized for Nd:YAG laser lines of 266, 355, 532, and 1064nm, these VMUs are designed for use with [Mitutoyo UV, NUV, and NIR infinity corrected objectives](#). These VMUs can also be used as infrared inspection systems when using an infrared light source and an infrared camera. Mitutoyo Nd:YAG Laser Line Video Microscope Units (VMU) are ideal for laser processing and imaging applications such as cutting, trimming, and repair of IC wiring, thin-film processing, and infrared spectral characteristic analysis. A dual-camera laser line VMU option is also available for high and low magnification observation.