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

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Stock **#71-017** [CONTACT US](#)

-

1

+

 €12.500<sup>00</sup>

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| Qty 1+         | €12.500,00 each               |
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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:         |
|                                          | Manufacturer: |

|                                                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--|
| Mitutoyo                                                                                                                                  |  |
| <div><div>Compatible Objectives:</div><div>MPlan Apo/HR/SL, MPlan NIR/NUV, and MPlan UV</div></div>                                       |  |
| <div><div>Note:</div><div>Note: Magnification: 1X Tube Lens Optional C-Mount adapter #37-044 available for dual-camera system</div></div> |  |
| Physical & Mechanical Properties                                                                                                          |  |
| <div><div>Weight (g):</div><div>1300</div></div>                                                                                          |  |
| Optical Properties                                                                                                                        |  |
| <div><div>Design Wavelength DWL (nm):</div><div>266, 355, 523, 1064nm</div></div>                                                         |  |
| <div><div>Magnification:</div><div>1X</div></div>                                                                                         |  |
| Sensor                                                                                                                                    |  |
| <div><div>Maximum Sensor Format:</div><div>2/3"</div></div>                                                                               |  |
| Threading & Mounting                                                                                                                      |  |
| <div><div>Mount:</div><div>C-Mount</div></div>                                                                                            |  |
| <div><div>Mounting Threads:</div><div>Objective Mounts: M26 x 36 TPI</div></div>                                                          |  |
| Regulatory Compliance                                                                                                                     |  |
| <div><div>RoHS 2015:</div><div><a href="#">Exempt</a></div></div>                                                                         |  |
| <div><div>Certificate of Conformance:</div><div><a href="#">View</a></div></div>                                                          |  |
| <div><div>REACH 241:</div><div><a href="#">Contains SVHC(s)</a></div></div>                                                               |  |

## 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.