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

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Stock **#71-019** **1 In Stock**

-

1

+

S\$19,460<sup>00</sup>

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| Qty 1+         | S\$19,460.00 each             |
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**Note:** This item requires accessories for use | [Learn More](#)

## Product Downloads

### General

|                                          |               |
|------------------------------------------|---------------|
| 378-514                                  | Model Number: |
| UV-VIS-NIR                               | Range:        |
| Vertical Mount, Brightfield, Erect Image | Type:         |
| Mitutoyo                                 | Manufacturer: |

|                                                                                                                        |                                    |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Compatible Objectives:</b><br>MPlan Apo/HR/SL, MPlan NIR/NUV, and MPlan UV                                          |                                    |
| <b>Note:</b><br>Note: Magnification: 1X Tube Lens<br>Optional C-Mount adapter #37-044 available for dual-camera system |                                    |
| <b>Physical &amp; Mechanical Properties</b>                                                                            |                                    |
| 1300.00                                                                                                                | <b>Weight (g):</b>                 |
| <b>Optical Properties</b>                                                                                              |                                    |
| 226, 355, 532, 1064                                                                                                    | <b>Design Wavelength DWL (nm):</b> |
| 1X                                                                                                                     | <b>Magnification:</b>              |
| <b>Sensor</b>                                                                                                          |                                    |
| 2/3"                                                                                                                   | <b>Maximum Sensor Format:</b>      |
| <b>Threading &amp; Mounting</b>                                                                                        |                                    |
| C-Mount                                                                                                                | <b>Mount:</b>                      |
| Objective Mounts: M26 x 36 TPI                                                                                         | <b>Mounting Threads:</b>           |
| <b>Regulatory Compliance</b>                                                                                           |                                    |
| <a href="#">View</a>                                                                                                   | <b>Certificate of Conformance:</b> |
| <a href="#">Contains SVHC(s)</a>                                                                                       | <b>REACH 241:</b>                  |

## 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.