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

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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:**

**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):**  
1300.00

## Optical Properties

**Design Wavelength DWL (nm):**  
226, 355, 532, 1064

**Magnification:**  
1X

## Sensor

**Maximum Sensor Format:**  
2/3"

## Threading & Mounting

**Mount:**  
C-Mount

**Mounting Threads:**  
Objective Mounts: M26 x 36 TPI

## Regulatory Compliance

**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.