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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

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General

Model Number:
378-514

Range:
UV-VIS-NIR

Type:
Vertical Mount, Brightfield, Erect Image

Manufacturer:

Mitutoyo

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 objective**s. 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.