Microscopes

Microscope lineups that systemize observation, measurement and processing

Vision Unit
SERIES 359 — Vision System Retrofit for Microscopes

MeasurLink® ENABLED
Data Management Software by Mitutoyo

Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink® (refer to page A-25 for details).

- The measurement tools and various macro icons allow measurement in one easy step.
- The graphics and measurement navigation functions facilitate operation.
- The image saving function and the data output function to the spreadsheet software are standard.
- Combined use with the **MF**/**MF-U** Series (Motor-Driven Z-axis) achieves the image AF (auto focus) function.

Foot switch
12AAJ088

MF-J2017D plus Vision Unit

SPECIFICATIONS

Model	Vision Unit
Order No.	359-763
Magnification of the optical system	When installed on the microscope 0.5X (using the 0.5X TV adapter)
Image detection	High-sensitivity 1/2 inch color CMOS camera 3 megapixel
Resolution	0.1 µm
Accuracy (Measurement environment: 20 °C)	Depends on the accuracy specification of the Mitutoyo measuring microscope to which the unit is fitted. For reference: When using an **ML** Series 3X objective lens (In an inspection using a sample workpiece based on the Mitutoyo standards) Measurement accuracy in the screen: Within ±2.5 µm Repetitive accuracy in the screen (±2σ): Within ±1 µm
Software (optional)	QSPAK VUE

Note: Software (**QSPAK VUE**) and calculation processor are required separately.

Applicable Models

Mitutoyo **MF** Series, **MF-U** Series, **Hyper MF** Series, **Hyper MF-U** Series

Refer to the **QM-Data200** and Vision Unit Brochure (**E14008**) for more details.