

MICROSCOPE PROMO

FREE Shipping, Installation and Calibration

Effective August 7 through December 15, 2023

MICROSCOPE PROMO 2023

**10% OFF
ON MF AND
MF-U MAIN
UNIT**



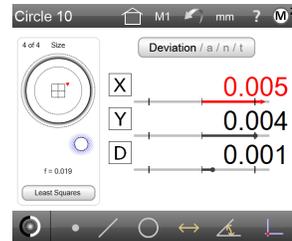
MF / MF-U Measuring Microscopes with Metlogix M2 Software and Touch-Screen Tablet

Featuring M2 geometric measuring display

- > Highest measuring accuracy in its class
- > Stage travel range up to 400mm x 200mm / 16in x 8in
- > Quick release mechanism and zero-set buttons on stage controls increase operability when working larger workpieces
- > Easy to use all-in-one PC Touch Screen Display
- > M2 Geometric 2D Measurement Software
- > Camera port is standard on all models
- > Wide range of objectives available from 1x to 100x
- > M2 Retrofit package available for D generation MF and MF-U microscopes
- > Microscope packages with M2 software and tablet are listed below



Order No.	Description	List
176-861-10PK1	MF-A1010D, LED, MONOCULAR TUBE, WITH M2 SYSTEM	\$21,500.00
176-863-10PK1	MF-A2017D, LED, MONOCULAR TUBE, WITH M2 SYSTEM	\$28,100.00
176-861-10PK2	MF-A1010D, LED, BINOCULAR TUBE, WITH M2 SYSTEM	\$22,600.00
176-863-10PK2	MF-A2017D, LED, BINOCULAR TUBE, WITH M2 SYSTEM	\$29,200.00
64PKA234	M2 Retrofit Kit for MF/MF-U Microscopes M2 2D Data Processing Unit with software and hardware including a tablet PC. Also includes installation and calibration on the customer's existing MF or MF-U Microscope	\$4,300.00



Geometric tolerancing
Measure features, set nominals, apply tolerances and view deviation results with only a few quick clicks.

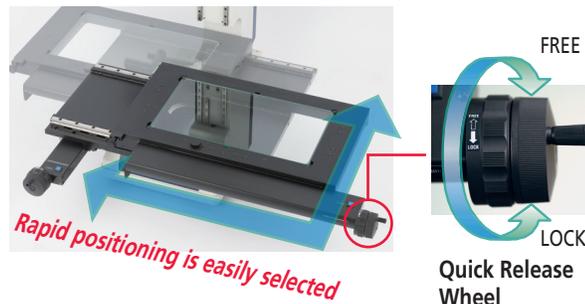


Reports Flexibility for report contents and formatting allows for full customization of the data format, header information, and header and footer graphics.

Intuitive Operation

Quick Release Mechanism

The manual stage provides intuitive positioning and can be easily moved rapidly between measuring positions on a workpiece by using the quick release function on each axis. Just free a Quick Release Wheel and move the stage by pushing and pulling. Lock the wheel to continue measurement with fine feed. Very effective for traversing between widely separated positions.

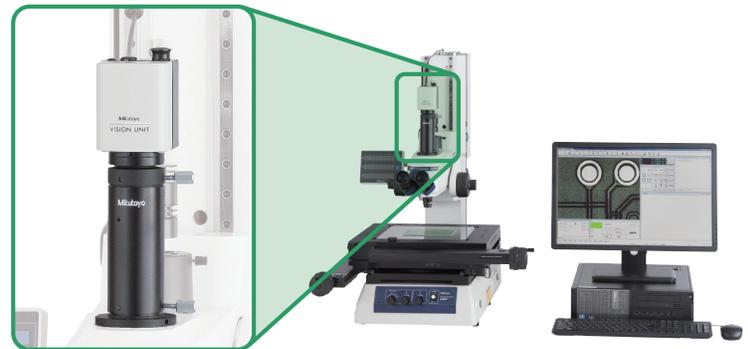
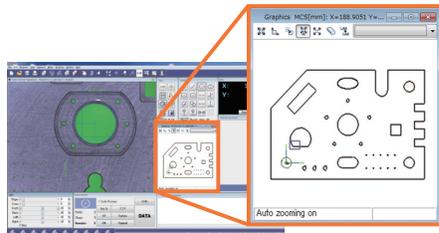


A Wide Choice of Stage Size

Precisely because measuring microscopes in this series are widely used in widely different industries, Mitutoyo offers a choice of stage size from 100x100 mm to maximum-in-class 400x200 mm. The customer can choose the optimal size for the application with accuracy performance guaranteed.

Optional Accessories

Vision Unit Dedicated Software - QSPAK



System example

This function automatically displays the current position, coordinate system, measurement feature and measurement result on the graphics window to prevent an omission or error of measurement from occurring. It also enables you to grasp which portion of the whole workpiece is observed by importing 2-dimensional CAD data*.

2-dimesinal Data Processing Unit QM-Data200

- Order No.: **264-155**
- Application: QM-Data200 allows various data processing operations and creation of measurement programs without needing any other data processing unit.
- Resolution: 0.1 μm
- Program function: Creation, execution and editing of measurement procedures
- Statistical processing: Measurement items, number of data, maximum value, minimum value, mean value, standard deviation, range, histogram and statistics by measurement function (statistics by command)
- Display: TFTLCD (with LED backlight)
- Tilting mechanism: Installed



Swivel Center Support

- Order No.: **172-197**
- $\pm 10^\circ$ for swivel position
- Maximum angle index: 1°
- Application: Used to mount a center-machined workpiece for measurement of screw pitch diameter, depth, etc.
- Maximum horizontal clamping size: $\varnothing 80 \times 140$ mm
- Maximum clamping size when inclined 10° : $\varnothing 65 \times 140$ mm
- Mass: 2.5 kg
- * Note: Size 2010 is used with stage adapter B. Sizes 2017, 3017, and 4020 are usable with stage adapter



Holder with Clamp

- Order No.: **176-107**
- Application: Used to clamp a thin workpiece such as a PCB or pressed part.
- Maximum clamp length: 35 mm
- External dimensions: 62 (H) \times 152 (W) \times 38 (D) mm
- Mass: 0.4 kg
- * Note: Size 2010 is used with stage adapter B. Sizes 2017, 3017, and 4020 are usable with stage adapter



V-block with Clamp

- Order No.: **172-378**
- Maximum clamping diameter: $\varnothing 25$ mm
- Height from the mounting surface to the center: 38-48 mm
- Application: Used to mount a cylindrical-form workpiece.
- External dimensions: 117 (H) \times 90 (W) \times 45 (D) mm
- Mass: 0.8 kg
- * Note: Size 2010 is used with stage adapter B. Sizes 2017, 3017, and 4020 are usable with stage adapter



Rotary table with Fine Wheel (A)

- Order No.: **176-305**
- Application: Workpiece orientating/positional fine-adjustment
- External dimension: 280 (W) \times 280 (D) \times 23.7 (H) mm
- Tabletop: $\varnothing 240$ mm, 360° rotation, no angle scale
- Mass: 5.5 kg
- Effective glass diameter (mm): $\varnothing 182$
- Applicable model: Size 1010, 2010 (**MF/MF-U series**)
- * Option: 172-197 Swivel Center Support
176-107 Holder with Clamp
172-378 V-block with Clamp



Rotary table with Fine Wheel (B)

- Order No.: **176-306**
- Application: Workpiece orientating/positional fine-adjustment
- External dimension: 342 (W) \times 342 (D) \times 23.2 (H) mm
- Tabletop: $\varnothing 270$ mm, 360° rotation, no angle scale
- Mass: 6.5 kg
- Effective glass diameter (mm): $\varnothing 238$
- Applicable model: Size 2017, 3017, 4020 (**MF/MF-U series**)
- * The V-block with Clamp, Swivel Center Support and Holder with Clamp can NOT be mounted on the table.





Whatever your challenges are, Mitutoyo supports you from start to finish.

Mitutoyo is not only a manufacturer of top-quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.

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