



MICROSCOPES PROMO

TM, STEREO, MF & MF-U MICROSCOPES

Effective through December 13, 2024

MICROSCOPES



MF 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

**20%
OFF**



172-864-10 - MF-A3017, LED, BINOCULAR TUBE, 64PKA234A - M2 SYSTEM

Sample Packages

Order No	Description	List	Promo
176-861-10-M2PK1	MF-A1010, LED, MONOCULAR TUBE, WITH M2 SYSTEM	\$22,400.00	\$17,920.00
176-861-10-M2PK2	MF-A1010, LED, BINOCULAR TUBE, WITH M2 SYSTEM	\$23,500.00	\$18,800.00
64PKA234A	M2 Retrofit Kit for MF/MF-U Microscopes	\$4,470.00	\$3,576.00

*Additional stage configurations and sizes available

MeasurLink ENABLED
Data Management Software by Mitutoyo

Want to take a closer look?
Scan the QR code to make your product inquiry today!



MF-U Measuring Microscopes

- › Measuring accuracy that is highest in its class (and conforms to JIS B 7153)
- › Compatible with both brightfield and darkfield objective lenses
- › Manual or motorized turrets available dependent on model
- › Compatible with M2 retrofit Kit

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176-872-10 MF-UA2010 - with 64PKA234A M2 Software/Hardware

MeasurLink ENABLED
Data Management Software by Mitutoyo

To learn more about our MF and MF-U Microscopes please visit our webpage.



Model No. (XY stage size)	MF-UA2010D
XY stage travel range	8 x 4" / 200 x 100mm
Z-axis travel range	6" / 150mm
Focusing method	Manual focusing (Coarse focusing: 30mm/rev., Fine focusing: 0.2mm/rev.)
Measurement method	Linear encoder (2-axis model: X / Y-axis)
Resolution (switchable)	.0001" / .00005" / .00001" (0.001mm / 0.0005mm / 0.0001mm)
Measuring accuracy (at 20°C)	XY-axis: (2.2+0.02L)µm, L = Measuring length (mm) when not loaded, JIS B 7153
Floating function	X and Y axes with Quick-release mechanism
XY stage top size	13.78 x 11.02" / 350 x 280 mm
Effective glass size	9.84 x 5.09" / 250 x 150 mm
Max. stage loading	22lbs / 10kg
Max. workpiece height	6" / 150mm
Order No.	176-872-10
List	\$28,100.00
Promo	\$22,480.00

*Additional components required for a complete system

TM Toolmakers' Microscopes

- > Adjustable illumination intensity.
- > Angle measurement is performed easily by turning the angle scale disc to align the cross-hair reticle with the workpiece image.
- > Includes standard accessories create an overall magnification of 30X. Magnifications can be changed from 20 - 200X by using optional objectives and/or eyepieces.
- > .000050" Resolution Digimatic micrometer heads included.

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MeasurLink ENABLED
Data Management Software by Mitutoyo



TM-A505B
176-820A

Model No.	TM-A505B		TM-A1005B
Order No.	176-820A		176-821A
Eyepiece	Standard accessory: 15X (field number: 13), Options: 10X, 20X		
Objective lens	Standard accessory: 2X, Options: 5X, 10X		
Microscope head	Maximum height of workpiece	4.53" / 115mm	4.21" / 107mm
Illumination unit	Transmitted illumination	Stepless brightness adjustment, White LED light source, with green filter	
	Surface illumination	Oblique single-source type, Stepless brightness adjustment, White LED light source	
Cross-travel stage	Measuring range	2" x 2" / 50x50mm	4" x 2" / 100x50mm (An optional 2"/50mm gage block is required to cover full range. A CERA block is recommended.)
	Usable area of the stage glass	3.8" x 3.8" / 96x96mm	6" x 3.8" / 154x96mm
	Maximum stage glass loading	11 lbs. / 5kg	
Linear measurement method	Micrometer heads included		
List	\$6,410.00		\$8,350.00
Promo	\$5,769.00		\$7,515.00

Modular MOTICAM accessory for seamless image documentation



Order No.	Description
64PMI247	MOTICAM S1, 1.2 MEGAPIXEL-1/3" CMOS, USB
64PMI249	MOTICAM S3, 3.0 MEGAPIXEL-1/2" CMOS, USB
64PMI248	MOTICAM S6, 6.0 MEGAPIXEL-1/1.8" CMOS, USB
64PMI252	MOTI-CAM 4000, 8 MEGAPIXEL, 1/1.8" CMOS, USB/HDMI
63AAA060	.37x C-Mount Eyetube Adapter

Trinocular Stereo Microscope MSM-414TL

- > Continuous 1X - 4X magnification.
- > Image always in focus throughout zoom range.
- > Crisp, erect images with high resolution and excellent stereoscopic effect.
- > Stereo-tube can be rotated a full 360° for viewing at any angle.
- > Bilateral zoom control knob adds convenience and increases operator efficiency.
- > Diopter adjustment for both eyepieces.

Model	SMZ-143-N2LED
Order No.	377-993A
Optical tube	Trinocular head
Total magnification	10X - 40X
Eyepiece	Widefield WF10X/20mm
Objective	1X - 4X
Working distance	80mm
Field of view	20mm - 5mm
Dimensions	237x170x335mm
Mass	6.2kg



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Camera with software for digital viewing

Order No.	Description	List	Promo
Stereo Microscope Unit			
377-993A	SMZ143-N2LED Stereo Microscope	\$1,580.00	\$1,422.00
Observational Camera Accessories			
377-481	C-mount Video Adapter for SMZ143-N2LED	\$59.35	-
64PMI252	MOTI-CAM 4000, 8 MEGAPIXEL, 1/1.8" CMOS, USB/HDMI	\$1,650.00	-

*377-481 and 64PMI252 purchased separately

ALWAYS THERE. ALWAYS READY.

YOUR DEDICATED SUCCESS TEAM

Our commitment to you extends far beyond the sale. Our new Customer Success team is a testament to our dedication to providing the industry's best products and services.

The very best products are nothing without reliability and support. Our Customer Success team is always there, ready to help by understanding your unique needs and challenges. They are your single point of contact for anything you may need over the lifetime of your product. They are your liaison, leveraging Mitutoyo's vast expertise to provide comprehensive solutions tailored for your business.

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Aurora Illinois, City of Industry California, West Chester Ohio

Services:

Aurora Illinois: Calibration, Repair, Field Service, Contract Inspection

City of Industry: Calibration, Repair

West Chester Ohio: Calibration, Contract Inspection, Contract Part Programming

M³ Solution Centers (Showrooms): Locations (8 in total):
Illinois, Washington, Texas, Ohio, Michigan, California, North Carolina, Massachusetts.

Note: At the M³ Solution Center, customers can not only view our products but also utilize the space to address their measurement challenges through demonstrations of our latest measuring instruments and technologies.

Total Number of Employees: Approximately 400

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