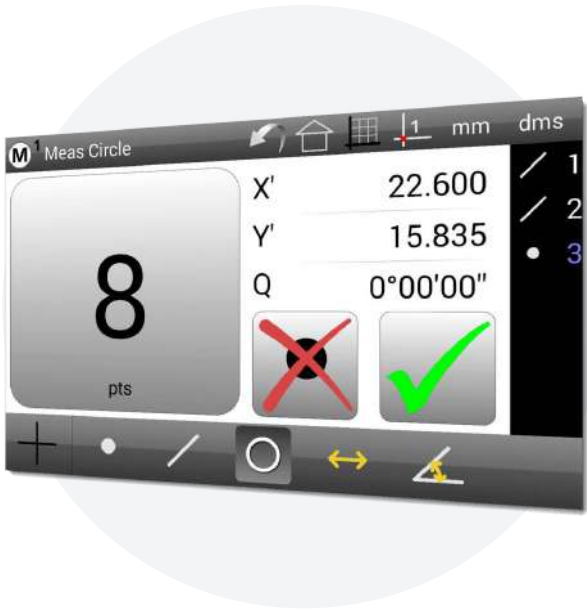


The M1

Supporting popular measuring microscope and optical comparator systems worldwide.

- Supporting Touchscreen controls.
- Advanced optical edge easy-of-use measuring tools.
- Cutting-edge user interface thats clean and intuitive.



Clean, Intuitive Design

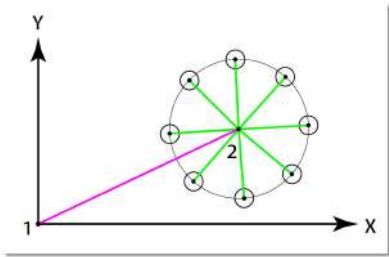
The user interface design of the M1 software means spending more time measuring and less time reading manuals. By combining a familiar user experience with current touch screen conventions, the M1 software can quickly be integrated into your process and accessible to a wide range of users.

Optical Edge or Crosshairs Probes

Gain access to many of the same powerful features, and intuitive measuring environments, whether using an optical edge equipped system or an externally generated crosshairs device. Precise optical edge detection algorithms provide accurate results as well as access to powerful, industry first measurement functionality.

Flexible Measurement References

Measurement references are easy to define and flexible enough for a broad range of measurement applications. Simple feature measurements can be made in a snap by merely zeroing or presetting the current stage position as a measurement reference. More demanding measurement applications are still made easy by zeroing or presetting one or two existing feature locations as independent measurement references.



Supports Popular Feature Constructions

Generate popular construction types, like distances and tangent lines. Constructions with multiple sub-types can be toggled quickly with the change feature type command. Supported construction types include:

- ✓ Average
- ✓ Intersections
- ✓ Shortest/Farthest Distances
- ✓ Perpendicular/Parallel lines
- ✓ Mid/Center/End Points
- ✓ Angle compliments
- ✓ Bolt/Gage Circles
- ✓ Tangent/Gage Lines



Feature Detail Views

Scroll through your measured features list to show individual feature detail views. Feature detail views display important information including feature type (probed, constructed or created), position, dimension, a graphic of probed point distribution, the number of points probed and form error.



Nominal Values and Deviations

Nominal position and dimension values can be entered and deviations will be calculated based on measured values. Actual (A) values are compared to nominal (N) values and resulting deviations (Δ) are shown. True position errors are also shown for some feature types.

	X	Y	D
A	24.358	17.797	5.093
N	24.400	17.800	5.000
Δ	-0.042	-0.003	0.093
	0.042		

Report, Print, and Export

Report contents can include report title, time and date stamps, and all feature measurement result data. Reports can be printed as hard copies to standard Windows compatible printers, or exported as PDF or CSV data files.

Export choices include:

- ✓ Paper Printer (USB, WiFi, Bluetooth)
- ✓ Save to file (PDF)
- ✓ Account (Google Drive, Email)
- ✓ RS232 Output (RS232 enabled systems only)

M1 Features Report

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Name	Nx	Ny	Nz	D	L	W	A	F
Line 1	12.118	0.000					0.0000	0.011
Line 3	0.000	11.361					89.4130	0.014
Point 3	0.000	0.000						0.000
Circle 4	24.330	17.854	2.582	5.164				0.156
Distance 5	10.316	16.179			8.600			
Angle 6							46.4413	0.000

Machine Integration

Ask your MetLogix representative about the wide variety of encoder interface technologies and other hardware supported by the M1 system.



Support for All Current Industry Standard Software Stage Calibration Methodologies

Robust and reliable machine calibration can be achieved using popular machine correction methods including Linear Error Correction (LEC), Segmented Linear Correction (SLEC), and squareness correction.

Industry Standard Tablet Operating System

With the Android® 4.4.2 or later tablet operating system you gain the performance and reliability of a globally recognized software solution as part of your measuring machine package.

MetLogix M Series Features Matrix	M1 Series	M2 Series	M3 Series
Optical edge detection	✓	✓	✓
Geometric functions	✓	✓	✓
XY, XYZ or XYQ axis support	✓	✓	✓
Data Reporting/Export	✓	✓	✓
Partview Display		✓	✓
Part programing and playback		✓	✓
Tolerancing		✓	✓
Feature annotation		✓	✓
Video edge detection			✓
Video image archive			✓
Image markup			✓

Help and Resources

Please visit the support section at www.metlogix.com for access to Metlogix product documentation.

Watch tutorial videos for popular Mx functions at <http://www.youtube.com/metlogix>

Join the discussion on Facebook, search “Metlogix”.

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