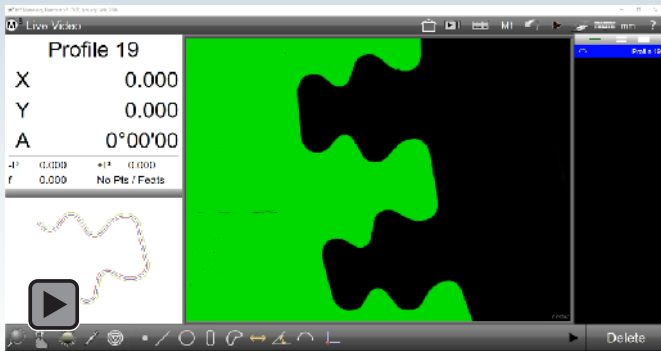


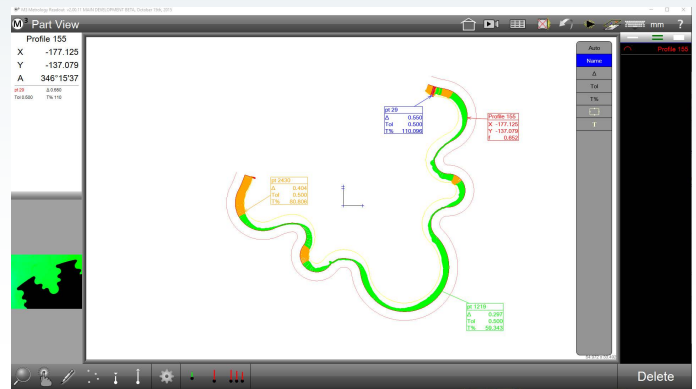
Metlogix M3 Measuring Software introduces **Profile Measurement and Analysis**

- The new Profiling option compares measured part data to nominal part contours and tolerance limits specified in a DXF file or M3 profile construction. Profile measurements create a Profile feature that is displayed in the part view and feature list and profiling results can be annotated and reported as well as included in part programs.

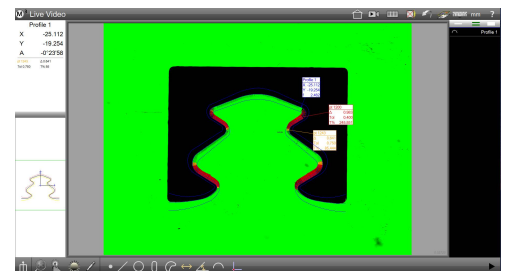
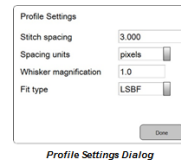


Click the image above for video.....

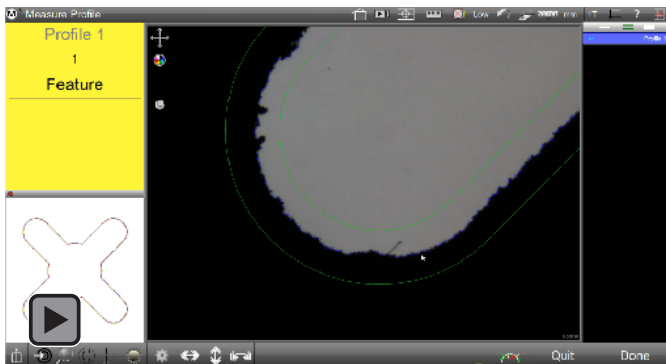
- Position the Profile Tool and press the Fit button to perform a fit operation. Perform as many fit operations as necessary to achieve the best fit result. The Profile measurement results will be displayed in the upper left detail viewport. Individual profile point data can be viewed using the part view.



- Fit Parameters can be adjusted using the Profile Measure toolbar and Profile Settings dialog. Fit controls include independent fit constraints for X /Y translation and rotation, fit point density, fit algorithm type, and fit point filtering.

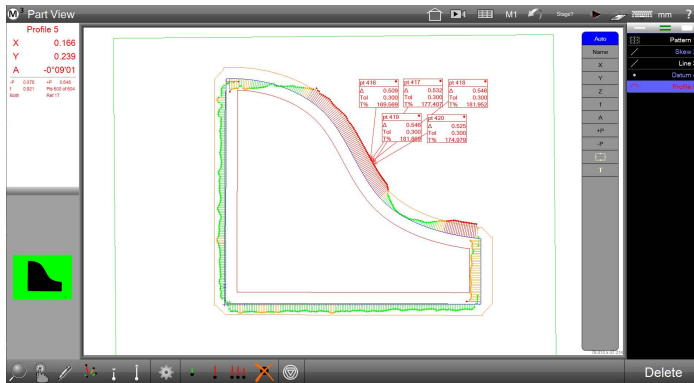


- Data collection from Profile features extending beyond the machine field of view is fast and simple. Accurate collection of profile data is ensured by using a defined machine path based on the dxf profile itself.



Click the image above for video.....

- Easily analyze profile fit results using intuitive tools for quickly identifying the worst point, the best point, or a specified number of points relative to the profile tolerance.



- Export the profile measurement data cloud to either a CSV or DXF file. X and Y positions, IJ vector values, delta from the point to the part model, and tolerance and percentages of the total tolerance will be included in the export.

A1		fx Feature									
	A	B	C	D	E	F	G	H	I		
1	Feature	Pt #	X	Y	I	J	Delta	Tol	T%		
2	Profile 1	1	12.3	-15.576	1	0	0.396	0.3	131.961		
3	Profile 1	2	12.677	-15.835	1	0	0.187	0.3	62.307		
4	Profile 1	3	12.826	-16.065	1	0	0.024	0.301	7.986		
5	Profile 1	4	12.933	-16.341	1	0	0.286	0.301	94.941		
6	Profile 1	5	12.998	-16.63	1	0	0.232	0.301	76.965		
7	Profile 1	6	12.998	-16.91	1	0	0.228	0.301	75.775		
8	Profile 1	7	12.989	-17.183	1	0	0.235	0.301	77.872		
9	Profile 1	8	12.993	-17.455	1	0	0.228	0.301	75.724		
10	Profile 1	9	13	-17.728	1	0	0.217	0.301	72.189		
11	Profile 1	10	13.005	-18.002	1	0	0.21	0.301	69.61		
12	Profile 1	11	13.007	-18.281	1	0	0.205	0.301	68.054		
13	Profile 1	12	12.961	-18.56	1	0	0.248	0.301	82.178		

MetLogix M Series Features Matrix

Feature	M1 Series	M2 Series	M3 Series
Optical Edge Detection	X	X	X
Video Edge Detection			X
Advanced Probe Group			X
Geometric Functions	X	X	X
Multi-UCS Datuming			X
Tolerancing		X	X
Data Export/Reporting	X	X	X
User Account Control		X	X
Part View Display		X	X
Feature Annotation		X	X
Video Image Archiving			X
Image Markup			X
Multi-Language Support	X	X	X
3/4 Axis Digital Readout		X	X
Profile Measurement			X

Choose the appropriate MetLogix M Series product based on the features and functions you need.

Watch tutorial videos for popular M3 functions at <http://www.youtube.com/user/Metlogix/feed>.

Join the discussion on Facebook, search "Metlogix".

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