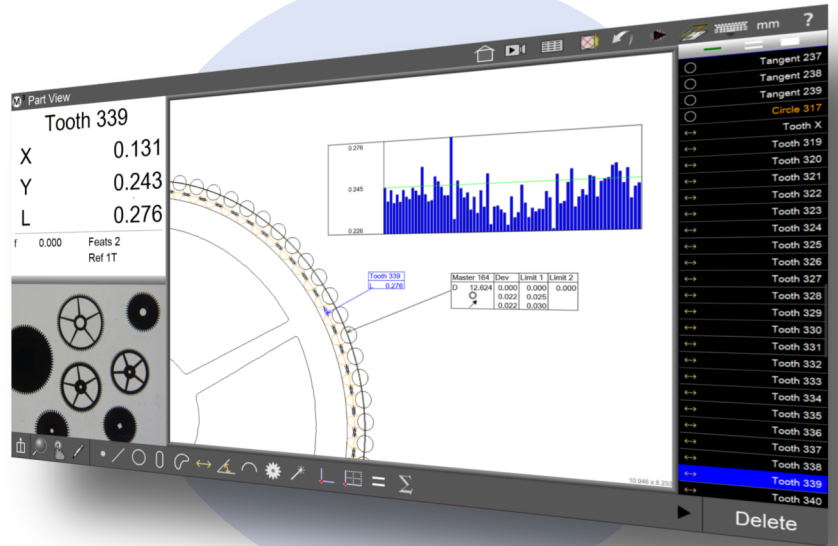


M3 Spur Gear Inspection Module

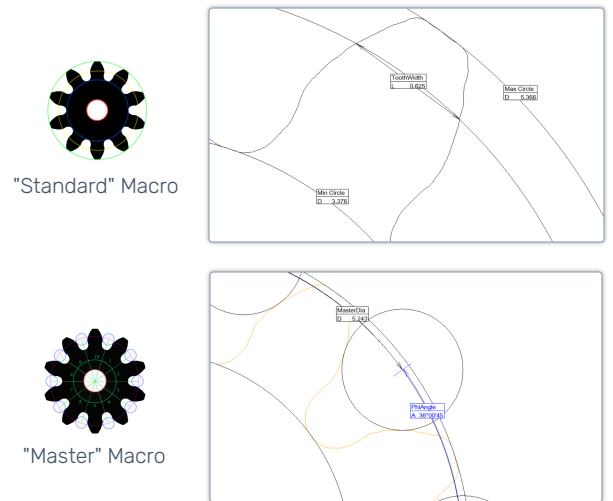
Quick and accurate inspection of critical gear characteristics

- ✓ Inspect important characteristics of spur type gears using the intuitive touch screen interface of the M3 measuring software.
- ✓ Inspect spur gears for;
 - Max and Min Gear Diameter
 - Gear Tooth Width
 - Master Gage Circle Diameter
 - Phi Angles of Gear Teeth
- ✓ Generate automated gear inspection routines using "standard" and "master" gear macro's.



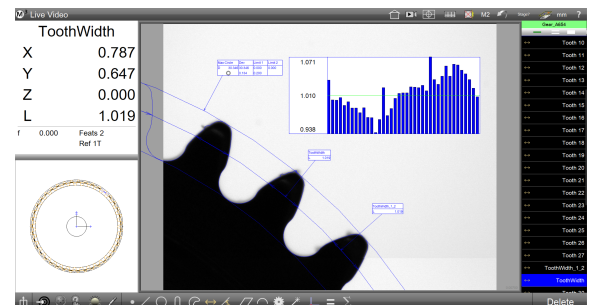
Gear Inspection Macro's

Operators can follow on-screen step by step instruction for pre-defined "standard" and "master" inspection macro's. Results are generated instantly for the corresponding gear routine.



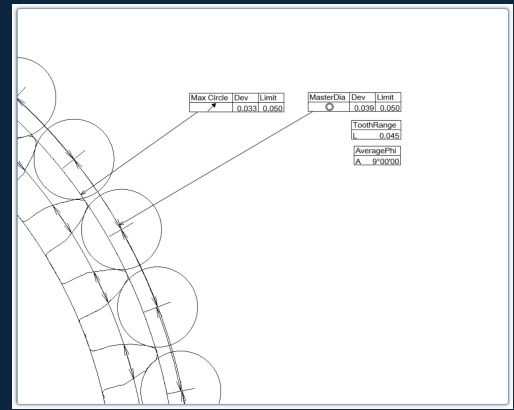
Gear Tooth/Phi Angle Graph

Display gear tooth width and phi angle results in bar graph form to quickly identify out of spec results. Change the position size and color of the graph to enhance your reports and printouts.



Gear Statistics and Tolerances

Generate results statistics, including min, max, range and average for your gear measurements. Apply Concentricity and Runout tolerance controls to your results to complete your automated routines.



M3 Operating System Platform

The Windows® operating system represents the current enterprise solution for computer software operating systems. You gain the performance and reliability of a globally recognized software solution as part of your measuring machine package.

Supports Industry Standard Stage and Camera Software Calibration Methodologies

Robust and reliable machine and camera calibration can be achieved using popular machine and video correction methods. Linear Error Correction (LEC), Segmented Linear Correction (SLEC), Non-Linear Error Correction (NLEC), Orthogonality, Pixel Size, Camera Skew, Parcentricity and Field of View.

Machine Integration

Ask your MetLogix representative about a wide variety of encoder interface technologies, camera types, and light control hardware supported in the M3 system.

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 programming and playback		✓	✓
Tolerancing		✓	✓
Feature annotation		✓	✓
Video edge detection			✓
Video image archive			✓
Touch probe			✓

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".

Contacts

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