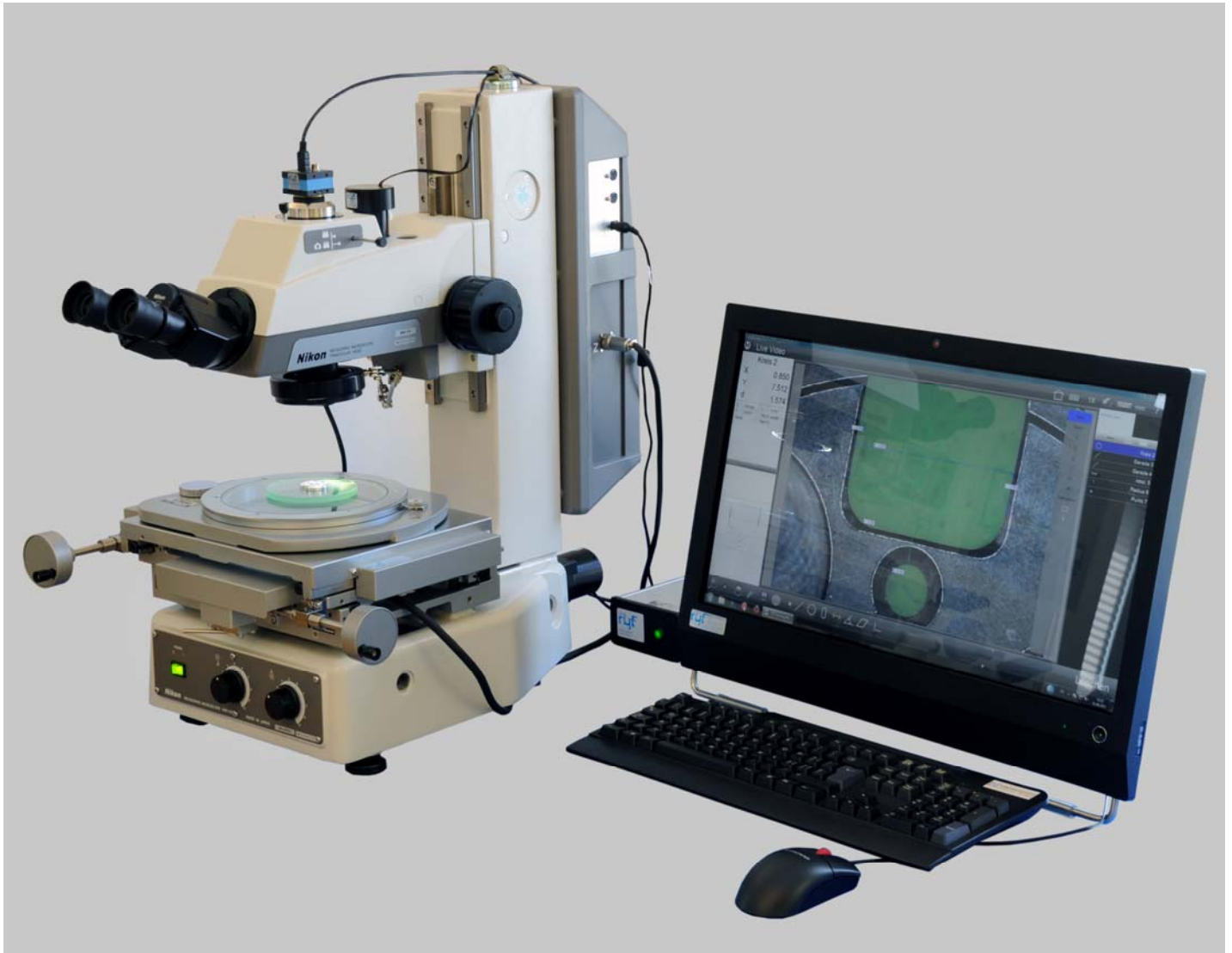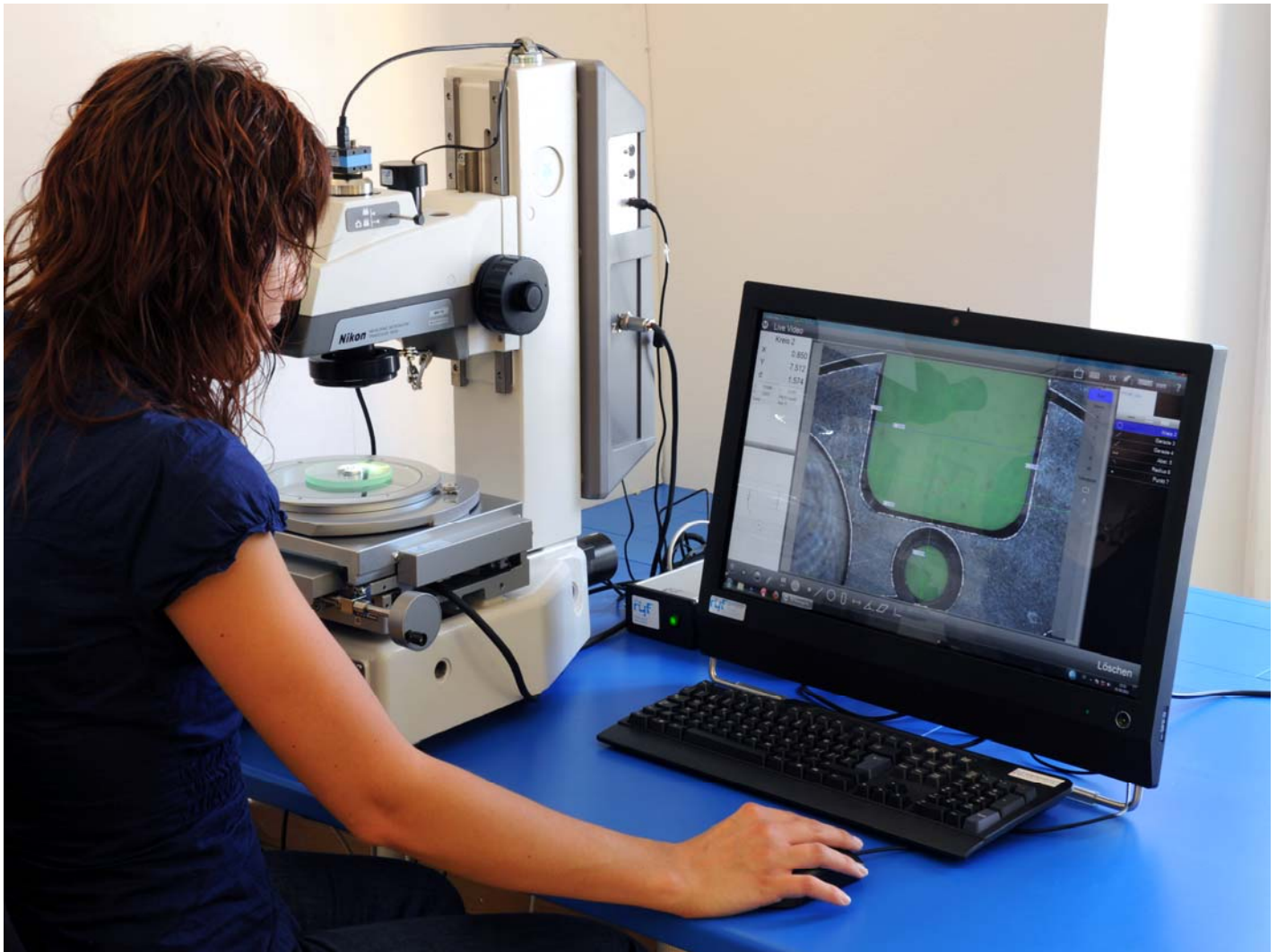# MetLogix M3/M2 Touch screen Control for Nikon

The M2 and M3 icon-based touchscreen interface give users, in combination with Nikon MM200/MM400 the ability to display graphic-rich measurement data.

They utilize a Windows 7-based operating system to enable flexible data export and interface with Windows® applications.

microscopes · imaging · optique industrielle · système de mesure · microscope de mesure · éclairages
Mikroskope · Imaging · industrielle Optik · Messsysteme · Messmikroskope · Software · Beleuchtungen

Ryf AG
Bettlachstrasse 2 · CH-2540 Grenchen
Tel. 032 654 21 00 · Fax 032 654 21 09
ryfag@ryfag.ch · www.ryfag.ch
www.fotoryf.ch

MetLogix M3/M2 Touch screen Control for Nikon

M2 Touch screen Control

A Nikon / Ryf optical projector or a measuring Microscope with an M2 display gives manufacturers a state-of-the-art, intuitive and exceptionally accurate measurement system. It has a broad range of powerful, easy-to-use functions on a compact, icon-based touch screen interface. The M2 provides instant information on feature form, tolerances and measurement data. It also can coordinate display for X and Y axes and Q radius values for screen rotation. The M2 mounts and displays in either a vertical or horizontal position.

M3 Touch screen Control

Offering greater functionality than the M2, the Digital-video-based M3 is multi-touch software that can pan and zoom with the touch of a finger. It works with active part views and live video feeds as well as a conventional mouse interface. The M3's custom "Eye Measure" probe captures complex edges generated by a finger path drawn on the touch screen. It also has "Measure Logic" probe intelligence to provide instant feature determination and measurement with a single touch. Along with a host of other features, the M3 offers simple machine/camera calibration with popular video measurement system correction methods. Remark: the M3 can be fully integrated in any Nikon Measuring systems MM, Ryf-Ryeo RMM Systems as well as Systems from Vision Engineering like a Kestrel, Falcon or Hawk.

MetLogix M3/M2 Touch screen Control for Nikon

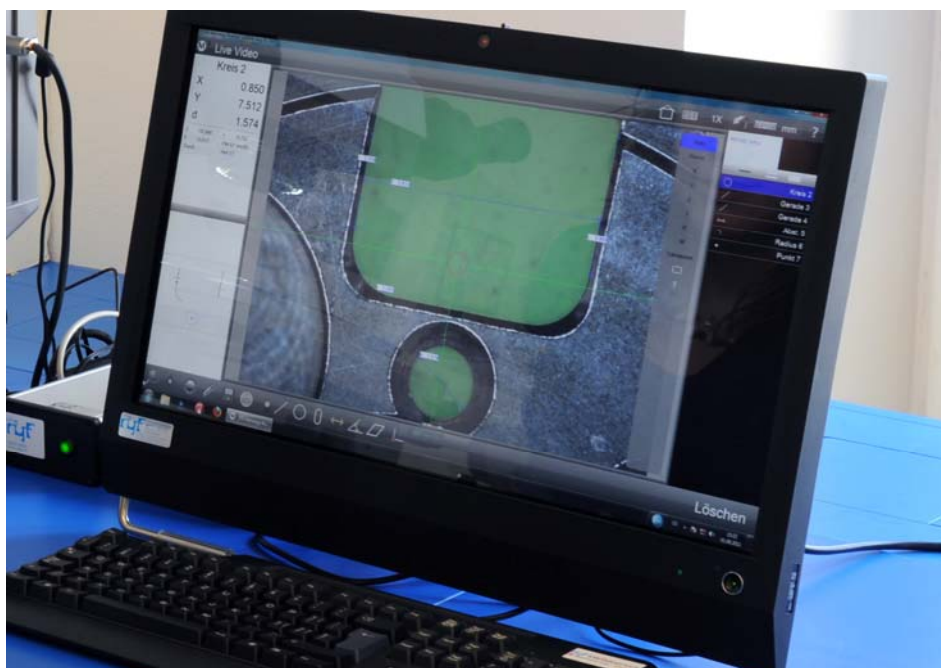## M3 Control for Nikon MM Manual Vision Systems

MetLogix M3 control software provides a broad range of powerful, user-friendly functions on a touchscreen interface in place of the traditional control. The operating interface is graphically based and easy to learn.
A Nikon MM200, MM400 and MM800 from Ryf Ltd. with an MetLogix M3 touchscreen control offers a state of the art vision system that is powerful, intuitive and exceptionally accurate.

Features & Specifications

- Multi-Touch Software Control that can pan and zoom with pinch, swipe, or touch. Works with active part views and live video feeds (or use conventional mouse interface)

- Custom "Eye Measure" probe captures complex edges generated by a finger path drawn on the touch screen

- "Measure Logic" probe intelligence provides instant feature determination and measurement with a single touch

- "V-touch" Probe has video touch probe functionality – just click for simple acquisition of points on a feature's edge

- Part View can generate distance and tangent lines from within the graphical part view. The "Gesture Menu" can be used for feature creation and manipulation tools.

- "Quick Annotate" allows data for on or several features to be displayed simultaneously with smart marquee feature selection.

- Application of universal tolerance value entry according to feature resolution groupings

- Feature Detail Graphics: Individual feature views display point cloud distributions, nominal deviations, and tolerance results. Scroll Actual, Nominal, Tolerance, Deviation and Data Fit Type information.

- Simple machine/camera calibration with popular machine and video correction methods

- Windows 7-based, globally recognized OS for flexible data exporting and interface with Windows® applications.

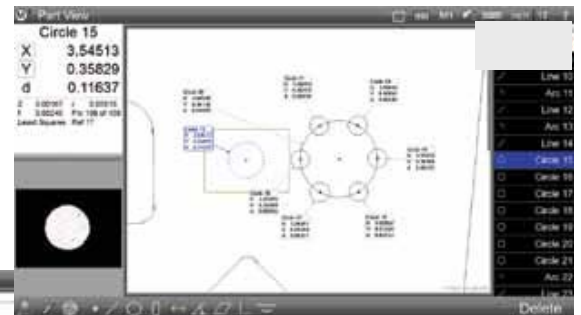**Flexible reporting options for display and export. Live Video View with touch data point selection**

MetLogix M3/M2 Touch screen Control for Nikon

M3 Control for Nikon MM 200 / 400 / 800 Manual Vision Systems
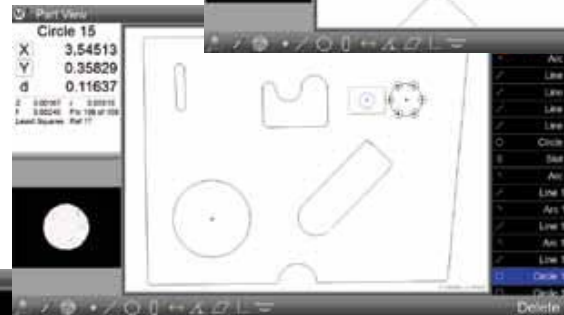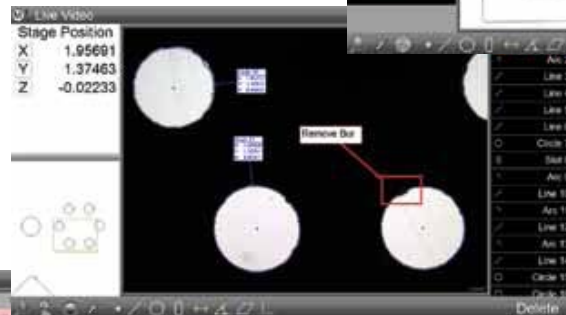
Intuitive graphic touch menu

Part View with selectable feature annotation

Part View with touch data point selection

Live Video View with touch data point selection

Flexible reporting options for display and export

M3 Control with touch screen interface