Vision
ENGINEERING

M2 & M2 VED, PC Based Measuring Software Solutions...

for the optical and video range of measuring products.

Features of the M2 software Solution - for the Optical Measuring Range.

- **Designed for Multi-Touch software control:** In addition to conventional mouse interface, the expanded Multi-Touch logic allows for versatile pan and zoom and active part view with a pinch, swipe, or press.

- **Graphics-based "Part View" constructions:** Generate popular construction types, like distances and tangent lines, from within the graphical part view itself.

- **Industry-leading support for additional tolerance conventions:** Tolerances can be applied in the standard feature to feature fashion, or by using a more traditional "place tolerancing" system. Engineering drawings may indicate that all features reported to 2 significant digits will get one tolerance value, where all features reported to 3 digits will get another. The M2 software allows for the entry and application of universal tolerance values according to these feature resolution groupings.

- **Feature detail graphics:** Individual feature views provide informative drawings displaying point cloud distributions, as well as nominal deviations, and tolerance results. Scroll through your measured features list from this view for a feature by feature display of actual, nominal, tolerance, deviation and data fit type information.

Featuring

touch2measure

technology...

- **Report generation:** Flexible reporting capability supports a range of application requirements, from simple to complex. Custom report headers, footers, and print out graphics can all be included as part of easily generated program playback routines, or simply printed, or exported as data files.

- **Support for all current industry standard software methodologies for stage and optics calibration:** Simple machine/optic calibration can be achieved using popular machine and optic correction methods. (LEC, SLEC, NLEC).

- **Industry leading operating system platform:** The Windows® 7 operating system represents the current enterprise solution for personal computer based software operating systems. Other Windows functionality may also be utilised with the flexibility in exporting data, printing reports and interfacing to third party windows applications will be enhanced under this widely supported operating system.

Features of the M2 VED Video Software Solution - for the Video Measuring Range.

- **Designed for Multi-Touch software control:** In addition to conventional mouse interface, the expanded Multi-Touch logic allows for versatile pan and zoom of both live video feeds and active part view with a pinch, swipe, or press.

- **Advanced probe toolbox:** The Vtouch™ video probe provides industry first video touch probe functionality, with simple acquisition of points on a feature's edge, just a press or click away.

- **Graphics-based "Part View" constructions:** Generate popular construction types, like distances and tangent lines, from within the graphical part view itself.

- **Industry-leading support for additional tolerance conventions:** Tolerances can be applied in the standard feature to feature fashion, or by using a more traditional "place tolerancing" system. Engineering drawings may indicate that all features reported to 2 significant digits will get one tolerance value, where all features reported to 3 digits will get another. The M2 VED software allows for the entry and application of universal tolerance values according to these feature resolution groupings.

- **Feature detail graphics:** Individual feature views provide informative drawings displaying point cloud distributions, as well as nominal deviations, and tolerance results. Scroll through your measured features list from this view for a feature by feature display of actual, nominal, tolerance, deviation and data fit type information.

- **Support for all current industry standard software methodologies for stage and camera calibration:** Simple machine/camera calibration can be achieved using popular machine and video correction methods. (LEC, SLEC, NLEC, Orthogonality, Pixel Size, Camera Skew).

- **Industry leading operating system platform:** The Windows® 7 operating system represents the current enterprise solution for personal computer based software operating systems. Other Windows functionality may also be utilised with the flexibility in exporting data, printing reports and interfacing to third party windows applications will be enhanced under this widely supported operating system.

- **Live video image annotation function:** The live video image can be annotated with any of the measurements taken, such as diameter, length, position, angle.

For more information...

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Distributor

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