



The Measuring Lab

Intelligent & networked





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01 Workpiece is prepared in the tempering chamber. ZEISS TEMPAR captures and records values.

02 The measuring program is created from the CAD data with PMI.

02 Use ZEISS CALYPSO as comprehensive software for different systems.

ZEISS TEMPAR

Monitor the measurement environment, including temperature, temperature gradients and air humidity.

ZEISS CALYPSO PMI

Automatically create a measurement plan using product and manufacturing information.

ZEISS CALYPSO FACS

Scan the part to automatically start measurement runs and prevent operator errors.

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Although increasingly more quality data are being captured in- or at-line, for ZEISS the measuring lab is as crucial as ever. Due to their high level of precision, measurements performed with coordinate measuring machines will be a key part of the Smart Factory, which is why networked, intelligent systems that enable the results to be correlated



The
Quality
Network

PRISMO navigator

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03 Open measuring program with a barcode scanner.

ZEISS Stylus System Creator

Assemble stylus systems, visualize and use in CALYPSO Planner simulation software.

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04 Stylus system is attached with ZEISS FixAssist.

ZEISS PiWeb

Create reports, show statistical trend analyses and make quality data available.

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05 Manage quality data with ZEISS PiWeb and achieve clear, reliable results.

in real time, calculated and visualized have become even more important. Coordinate measuring machines provide "a master plan" for the other measuring processes because of their extreme precision. Even small, networked solutions enable the metrology engineer to digitalize their day-to-day measuring jobs and network

data to make analyses more reliable and efficient. This allows the metrology engineer to transfer comprehensive information derived from the quality data to the Manufacturing and Design departments.

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