

## Quality Control Management Software

The latest version of the Mitutoyo MeasurLink 7 quality control management software combines real-time data acquisition, on-line SPC analysis, integrated networking, and quality information sharing into an enterprise-wide solution. With four modules, MeasurLink 7 enables users to tailor a quality management system to their specific requirements.

Time Standard Edition is designed for acquisition and analysis of data in real-time, enabling the checking of variable and attribute inspection data to help maximize production and minimize defects. MeasurLink 7 Real-Time offers views that allow the user to create part characteristics, with nominal and tolerance data, and traceability lists. The data collection interface provides real-time graphics for run charts, histograms, and statistics.

Time Professional Edition enables customers to connect and acquire data from Mitutoyo coordinate measuring machines (CMMs). Vision and form

measuring systems file imports are also supported via native integration (DDE) and QMD (xml-based). In addition to all of the features supported by MeasurLink 7 Real-Time Standard Edition, this application also supports data filters. A full reporting template functionality is also provided

Professional 3D Edition is designed for customers who wish to collect data using the Hoops 3D graphics view. Hoops 3D files can be exported from most CAD systems to provide the operator with a real view of the part. Camera angle and position can be saved for each characteristic providing the operator with an intuitively prompted sequencing guide.

Process Analyzer Lite Edition is designed for off-line viewing of Real-Time data in a networked environment. All views supported by MeasurLink 7 Real-Time Standard are supported, with the



exception of Manager Views. Full reporting template functionality is also provided. Data is organized by station, part, or routine.

All MeasurLink 7 editions ship with a copy of Microsoft SQL Server Express 2008 R2 which can be used in stand-alone or workgroup installations. All MeasurLink 7 editions are supported on the following Microsoft Windows Operating System versions: all Windows XP SP3 versions; all Windows Vista SP2 versions; all Windows 7 versions. Both 32-bit and 64-bit operating systems are supported.

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## Low-loss Inductive Electronic Components

Inductive electronic components feature low-loss and good EMC characteristics and a space-saving design. The SMP cores consist of powder composites, which SMP specifically engineers for each application. Depending on their application, they are constructed either as single-conductor chokes for high-current applications, individual chokes, choke modules, or LC filters. They are used in inverters for wind turbines and photovoltaic plants, as well as in drives and power electronics. SMP manufactures all components to application requirements using in-house developed powder composites. These parts offer a high energy storage capacity in a compact and cost-conscious design, as well as reduced losses and good EMC characteristics.

SMP's inductive components can be produced for frequencies of up to 200kHz and currents of up to 1,000amps. Their sizes range from 36mm to 300mm in diameter and their weight from 50g to 130kg. All products are RoHS- and REACH-compliant, with UL-listed materials allowing for a wide range of requirements that may be made to all common international standards.

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