

Reduce your reject rate

OUR SOFTWARE FOR MEASURING AND TEST EQUIPMENT MANAGEMENT FOR PRODUCTION IN FLOW

The increasing complexity of products with more and more individual parts significantly increases the importance and quantity of measurement and management processes. The smaller the parts are, the more difficult and expensive their measurement becomes. For larger and thus usually more expensive parts, on the other hand, the reject rate must be reduced to a minimum. Either way: it's a challenge.

The interlocking processes of a production operation make integrated, automated methodology essential: when the dimensions of parts change, the measuring instruments and tools required for them must also be adapted. Inadequate calibration can lead to considerable measurement inaccuracies, cause manufacturing errors, result in expensive adjustments of the manufacturing processes.

The software solution from our product provider QDA SOLUTIONS for measuring and test equipment management offers numerous functions for the management of measuring instruments and tools.

Extensive functionalities for integrated quality management

In addition to the increasing number of parts to be measured, new laws and compliance requirements also demand the constant expansion of quality planning processes through flowcharts, failure mode and effects analyses (FMEAs), and control plans, for which you have to collect and provide ever increasing amounts of information. The requirements for the traceability of settings and calibrations of measuring instruments and tools are also becoming more extensive.

Our software solution for measuring and test equipment management brings together a comprehensive list of functions for measuring instruments and tool management in an automated and integrated platform. Thanks to the numerous functions, the system records your measuring instrument activities:

- Unlimited test points per measuring instrument
- Unlimited issue of traceability markers
- Real-time calculations that take place during the input process
- Extensive history tracking
- Integrated R&R studies
- Kitting and mastering modules
- Comprehensive integrated reporting capabilities
- Event notifications



Includes all relevant measurement system analyses (MSA), inspection plans, control charts, and calibration data to help you make more informed production decisions and simplify related management reporting.

Since our software can be linked to our SPC and data acquisition solutions, you can automatically check the current calibration status on the production lines where the measuring instruments in question are used. The system controls the verification and calibration of the measuring instruments as well as creating calibration plans and calibration priority reports. Our solution complies with ISO 9000, ISO/TS 16949, ISO/IEC 17025 and MSA guidelines and is compatible with MIL-STD-45662A and ISO 10012-1 reporting formats.

Modular solution structure for your quality management

Our software solution for quality management can be built up in a modular fashion: you only have one infrastructure, regardless of the number of modules used. The integrated software architecture offers interfaces to PLM, CMM, ERP and MES systems. Thanks to Unicode, our solution supports multiple languages and is therefore ideal for worldwide use. The software is also based on databases, compatible with MSSQL, Oracle and PostgreSQL, and "Citrix ready".

Our software provides integrated application security through user role definition and management. Active directory support provides seamless integration with the existing active directory, QDA role synchronization with AD groups and users can be managed across the company. Support for PKI cards is guaranteed, as well as the secure encryption of data using the SSL/TSL standard. Security standards, such as password encryption according to the AES-256 standard, are also observed.

THE ADVANTAGES OF OUR SOFTWARE FOR MEASURING AND TEST EQUIPMENT MANAGEMENT AT A GLANCE

 Automated calibration procedures

 Standard templates for calibration

 Traceability from the measuring instrument to the measurement

 Direct measurement interfaces

 Optimised calibration intervals

 Measuring equipment and tool output management

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