Consic

Quality Control and SPC – Consic METER

By documenting and storing the results of your Quality Control electronically, results will be stored faster and more reliably. You can get a quick overview of the quality situation in your production. It is also easier to track orders, lots and parts in the case of customer complaints.

Consic METER is our software solution for all tasks related to the Quality Control (QC) of a serial production.

Whatever you want to do: **production inspections, SPC** or **inwards/outwards inspections:** METER will take care for fast and reliable data acquisition, clean documentation and storage. It will also provide all the data when you need it.
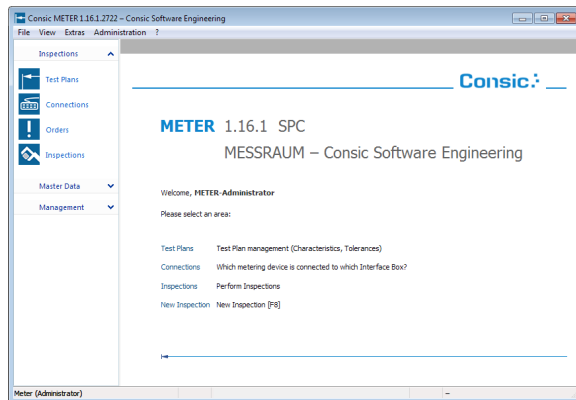
METER is a lean and specialized solution for computer assisted Quality Control. Installation is quick and inexpensive, the training time for users is low and you get results immediately .

The central SQL database ensures solid data storage and long-term documentation. It allows tracking of parts, lots, orders, cavities and faults.

METER can always give you a quick overview over the quality situation in your production.

Your customers will enjoy the clean reports and documented quality.

You always have access to all your quality data, even after years of use. You can rely on this also in difficult situations like customer complaints or recalls.

You can measure all kinds of measurands with all variations of measurement instruments. Measurement values can be entered digitally or by hand. Characteristics can be variable (measurement) or attributive (good/bad).
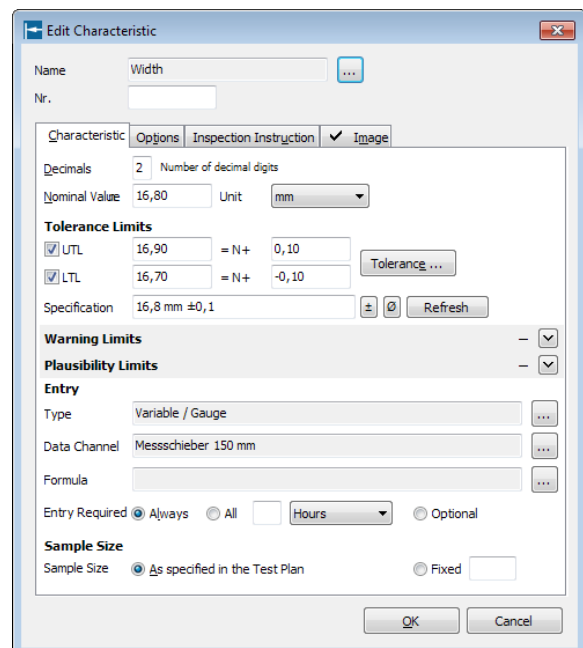
Your Advantages

- Solid long-term **documentation**
- Short-term **evaluation** and **statistical Analysis**
- **Tracking** of parts, lots, orders, measurement instruments, cavities and faults
- Quick **overview** over the quality situation in your production
- Increased customer satisfaction by solid documentation and clean reports
- Quick **availability** of quality data in cases of complaints or recalls

Flexible Test Plans

For every part you create a test plan. This defines the characteristics and additional fields. Test plans can be locked, so inspections can only be performed for open test plans.

Characteristics

For every characteristic you will define the name, the measurement instrument and the tolerance.

You can also have inspection instructions and a picture (photography) to guide your inspector. Using formulas, measurement values can be transformed or calculated.

Flexibility

For everything you want to store beyond the measurement data you can create your own fields.
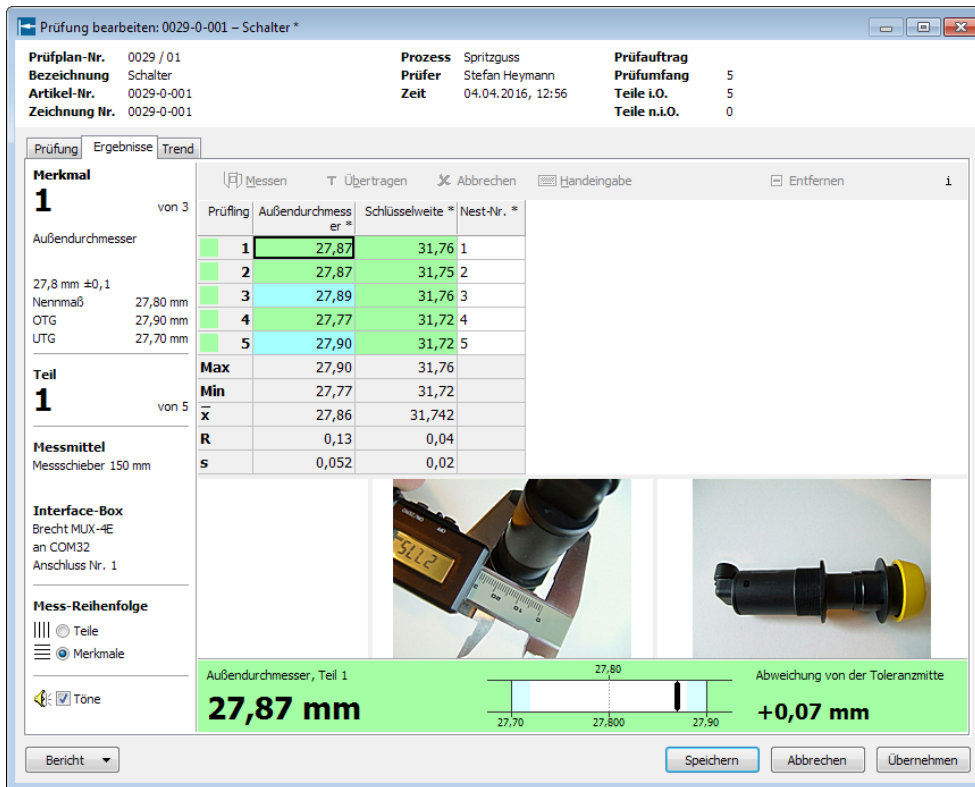
Interface Boxes

METER supports common interface boxes (e.g. by BRECHT, Bobe, IBR, Mitutoyo, Steinwald). We can also create new interfaces for further boxes, measurement machines or instruments.

By using interfaces boxes, METER can use a large number or measurement instruments and devices. So you can test practically all measurands (lengths, weights, electrical sizes, etc.) with METER.

Inspection

During the inspection you can see all important informations. The last measurement value and its deviation from the nominal value are displayed big – as well as a chart, showing you the position of the measurement value in relation to the tolerance.

Data Exchange

METER provides various ways to export data for evaluations (like Excel or CSV). For instruments or measurement machines that are not supported out-of-the-box, we can create an import interface for you.

Database

All data is stored in a central database. Using user rights, you can exactly specify, which use can perform which task.

We don't lock your data into a proprietary system. METER uses a solid and open (Open Source) database, the Firebird SQL server.

Networked

METER is meant to run in a network, that means that you can access all the data from all client workstations in your network.

So you can use every PC for test planning and order management. Test plans can be assigned to specific Test Stations in the network.

We can also provide a local single PC solution.

System Requirements

METER runs on all common Windows platforms (Vista, 7, 8.x, 10). You can use Windows, Linux and macOS for the database server.

Contact

We are there for you. Our services include installations (via phone and remote support), trainings, creating interfaces to measurement devices, measurement machines and interface boxes as well as customer specific reports, modifications and extensions.

We also have a lot of experience with the integration (import/export, direct database access) of other software systems like ERP or PPS systems.

The colors immediately show you if a measurement is **good** or **bad.**

METER uses different sounds to signal the transfer of a measurement. So you can fully concentrate on your inspection task.

Evaluations

METER has a variety of standard statistical evaluations: Inspection reports, Lot reports, Statistical Analysis, data exports in various formats (CSV, Excel etc.), day overies, measurement instrument tracking, etc.

And when that's not enough we can create reports to your specification.

About Consic

Consic Software Engineering develops software for Quality Management since 2003. Our solutions support our customers from various industries to continually improve their quality.

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