



# **QMSOFT® Version 8 - New Features**

*Release 8.1*

**L&W Gesellschaft für Fertigungsmesstechnik  
und Qualitätssicherung mbH**

**Jun 12, 2025**

---

## Contents

---

<b>1</b>	<b>Key points - new features in version 8</b>	<b>1</b>
1.1	Gauge management . . . . .	1
1.2	General functions / location management . . . . .	2
1.2.1	Tolerance management . . . . .	2
1.2.2	Management of inspection positions . . . . .	2
1.2.3	Order management / Order monitoring . . . . .	2
1.2.4	New functions in QM-INSPECT - inspection plans . . . . .	2
1.2.5	Program QM-THREAD - thread measurement . . . . .	2

---

## Key points - new features in version 8

---

### 1.1 Gauge management

- Definition of several inspection intervals for each gauge (→ laboratory management “maturity classes”)
- Free definition of rules for the implementation (initialization, completion) of actions: this means that the effect on the status fields (status + availability) and the inspection date (also for various inspection intervals) is freely configurable;
- Complete review of the concept for field names and lookup tables: new definition of labelling schemes, permitting
  - multi-column lookup tables,
  - direct allocation of an address to a master data field,
  - definition of content as an e-mail-address
- Extended filter functions allowing the use of variables in the filter, and thus the definition of “sliding” filters;
- Possibility to define various maturity tests, which can be used in combination with sliding filters and deposited e-mail-addresses for an automatic notification of the respective users;
- Possibility to deposit client agreements, which can be used as basic settings for the creation of customer-specific calibration certificates
- Multilingualism for definitions of gauge types, actions and status;
- Automatic registration of calibration times by documentation of the beginning and the end of a calibration process

## 1.2 General functions / location management

- Definition of various schemes for the creation of calibration certificate numbers (e.g. different number formats for factory certificates and DAkkS-certificates)
- Definition of various, client-specific rules of acceptance for conformity assessment
- Possibility to extend and adjust the texts of inspection decisions
- Definition of central schemes for text outputs for the assessment of inspected characteristics and for conformity statements on calibration certificates.

### 1.2.1 Tolerance management

- Selection of tolerances by means of grouped lists (ISO, DIN, BS, JIS, NF and others);
- Complete overview of all implemented standards, including reporting function
- Input assistance for thread gauges and plain gauges with input of detailed parameters
- Automatic integration of the type-related list of standards in the gauge management program

### 1.2.2 Management of inspection positions

- management of position lists now extended to (all) inspection programs;
- freely definable, multilingual labelling of inspection positions
- freely selectable sequence of measurement (plain gauges, thread gauges, taper thread gauges).

### 1.2.3 Order management / Order monitoring

- extended functionality allowing the administration of subcontracts
- possibility to administer various addresses for a commission (different address for delivery and invoice);
- implementation of an order monitor showing all current orders and their processing status

### 1.2.4 New functions in QM-INSPECT - inspection plans

- Extended numeric characteristics enable the recording of series of measurements
- Possibility to hide characteristics as necessary by using filters

### 1.2.5 Program QM-THREAD - thread measurement

- implementation of new standards for Edison threads, round threads for sheet metal parts, JIS standard for UN-threads and others
- continuous implementation of the evaluation and assessment of lead deviations and angle deviations

L&W Gesellschaft für Fertigungsmesstechnik  
und Qualitätssicherung mbH  
Gostritzer Str. 67a

01217 Dresden

Germany

Tel +49 351 87174-77 bzw. -78

Fax +49 351 87174-80

[support@lw-gmbh.com](mailto:support@lw-gmbh.com)

[www.lw-gmbh.com](http://www.lw-gmbh.com)

Dresden, Mai 2020