



## **Presentation of the QMSOFT®-Gauge management-system Release 5.0**

The new QMSOFT Gauge Management System Release 5.0 meets the growing requirements of our customers and keeps pace with the current developments of operating systems because we are constantly developing the existing software systems in order to offer you system stability, user-friendliness, interface flexibility and security. The new system offers the following advantages:



### **Basis of the database**

QMSOFT® Release 5.0 is based on a database system with a genuine Client/Server architecture. The Firebird server you receive with your QMSOFT® Gauge Management System Release 5.0 is free of license costs and does not require any administrative extra work for the maintenance and servicing of the system. Moreover, it is available in a local version to fulfill all possible requirements – from the use at a single workplace to the use within a complex network of different calibration or management workplaces.

In comparison to the previous PC-based database technology (Paradox table Borland Database Engine), the Client/Server architecture represents a considerable increase in data security since network problems and crashes of local workplaces can not inflict damage on the data stock on the server. Thus, tedious database repairs are a thing of the past!



### **Multi-client capability**

The multi-client capable gauge management is suitable both for calibration service providers and clients. The contact data of the client are saved in a database and passed on to the inspection programs by the QMSOFT® gauge management so that information related to the client can be shown on the inspection protocols without further user intervention.

As usual, it is possible to save the data of different clients in separate databases. However, you also have the possibility to save these data in a single database, e.g. to work with standardized gauge type structures. The choice is your's!



## Extended database content

Apart from saving performed calibration processes, the new system offers you the possibility to save gauge actions and documents in the gauge history. Further, the limitation to two action categories ('inspection' and 'movement') characteristic of the previous system has been removed. The gauge history includes freely configurable events and the respective data fields, giving you thus the opportunity to employ the new QMSOFT® system well beyond the sector of gauge management.

Thanks to the so-called 'history view' you can get a quick and easy overall view of the data saved in the history of your data stock.

Data deleted by mistake can be restored by means of the 'bin' function. Moreover, a backup-mechanism integrated in QMSOFT® helps you to secure data without special knowledge.

Consulting catalogues for fields like "Location", "Manufacturer" or others may be managed for single clients or centrally for all clients on one database.

Further, these catalogues can not only be newly set up, but can also be completed with the existing entries of the database.



## Generation of documents

The new QMSOFT® Release 5.0 utilizes modern tools for the generation of inspection protocols and various database lists (QMSOFT® Certificate Editor, Report Generator).

Especially the internal functions of the certificate editor have been improved: it now offers freely combinable text conditions, a flexible formatting of field values, multilingual model files etc., and even extremely complex documents can be edited without causing resource problems. Inspection certificates can be saved in "RTF" format as usual or directly as PDF or MS-Word documents.

Lists saved with the help of the Report Generator can immediately be send as an e-mail attachment. The new Report Designer allows the user to create individual layouts or to adapt existing ones. The Report Designer is free of license costs, disposes of a user surface in German and English (more languages available at costs) and is delivered with a complete documentation.



## Database access management

The access protection for the data stocks has been centralized, i.e. there is one user database for all database-relevant QMSOFT® modules (e.g. gauge management programs or programs for the inspection of pin gauges etc.). The access rights can be assigned to different user groups or single users. Besides, a history of the user's accesses to the gauge stocks shows the user's actions in a detailed way, which results in more transparency.



## **Compatibility**

With your delivery you will receive a data transfer tool free of charge, which makes it possible to transfer the data stocks of the previous 16-Bit version to the new 32-Bit version of QMSOFT®.

QMSOFT® disposes of a XML-based interface named QMLINK for the exchange of information with higher or parallel software. The interface is open and documented in order to allow the interconnection with third party software.

As usual, QMSOFT® communicates with all common length measuring machines from the most varied manufacturers. Also in the future the list of compatible measuring machines will be extended as new measuring devices enter the market.



## **Extended tolerance libraries**

The reliable calculation libraries for nominal sizes and tolerances have been further extended, encompassing, among many others, DIN /ISO, British and US standards. Since the libraries contain a vast amount of data they are also employed in a large number of software systems from other manufacturers.

## **Reviewed inspection programs and calibration processes**

QMSOFT® is a modular system, i.e. each component operates independently, allowing thus an individual installation according to the customer's requirements. The possibilities of application range from an observer function of the database contents to that of a complete calibration workplace with gauge management, inspection programs etc.

All QMSOFT® inspection programs have been reviewed according to the current standards and perform predefined processes in compliance with the respective standards (e.g. DIN, VDI, DKD). Further, the operator's work during the measuring process is facilitated by the clearly arranged user surface.

## **New software packages**

The modular concept of the QMSOFT® system allows the creation of 'program packages' which are offered at special conditions. The QMSOFT® 'Standard package' offered so far has now been supplemented by the new 'Starter package', a good-value entry-solution for the management and calibration of metric thread gauges, plain gauges etc. Naturally, a step-by-step extension of the installation is at all times possible.

The price structure of the QMSOFT® components has been reviewed and slightly changed. Current prices and options can be found on the QMSOFT® price list.

A demo version of our software is available on CD-ROM and can therefore freely be passed on and copied. As usual, the software is protected by dongles (manufacturer: Aladdin) and the unlocking of licensed programs.

The support of the 16-Bit version of QMSOFT® will be maintained for a certain transition period, however, there will be no further developments of this version. We recommend to all of our customers to take a changeover to the new QMSOFT® version into account since it is to be expected that the ongoing developments of operating systems will sooner or later lead to the point where the 16-bit version of QMSOFT will not be compatible with the new hard- and software platforms.

## **The changeover to the new version of QMSOFT® is always worthwhile!**

Should you require further information or a demo version on CD-ROM, please do not hesitate to contact us:

L&W GmbH  
Gostritzer Str. 61-63  
01217 Dresden  
Germany

Fax +49 351 8717480  
[support@lw-gmbh.com](mailto:support@lw-gmbh.com)  
[www.lw-gmbh.com](http://www.lw-gmbh.com)