



# **QMSOFT 32**

**Software for gauge inspection**

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## Notes for CD-ROM installation:

Insert the QMSOFT CD-ROM in your CD-Drive. Check the drive letter (in most cases is it „D:“). Use the Windows-File-Manager or the WINDOWS Explorer to execute the File "SETUP.EXE" on the CD-ROM. See the users dialogue. You should confirm all of the default settings.

If you want to install the QMSOFT programs on your local computer with a local database installation select the installation option "**Desktop**". In the next screen select "**Complete**" to install the QMSOFT package with the all program options. To install special QMSOFT options only use the installation mode "Custom".

After finishing this first installation step you get a new program group on your desktop with the QMSOFT-Icon. Now start the QMSOFT program with a double click on the "Q"-Icon inside this program group. Enter the user name and the password.

**ATTENTION:** For both enter the word "**system**" !!

For questions please contact your local dealer or:

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**D-01217 Dresden**  
**Germany**  
**Fax ++49 351 871 7480**  
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**www.lw-gmbh.com**

For fax support don't forget to inform us about your licence numbers and program versions of the software and about your computer and measuring device hardware. Use the „Help|FaxSheet“-Option of QMSOFT to print out a styled fax paper.

## Hardware requirements for QMSOFT 32

Your computer should fullfil the following **minimum** requirements:

- Processor Intel Pentium III, IV (or AMD K6, K7..), min. 600 MHz,
- CD-ROM-Drive
- 256 MByte RAM (for Windows XP - 512 Mb RAM)
- 500 MByte free space on the hard disk;
- Graphic resolution 1024x768 (minimum resolution 800x600)
- 1 parallel port, 1 serial port (if Online connection is desirable),
- Printer (Laser printer is recommended),
- Operating system Windows 2000 or XP.

## About this manual

Your manual is divided into several parts each of which explains a particular component of QMSOFT. This information will provide you with all the necessary information of our program. If for some reasons the documentation you have received is not complete contact our distributor or us (our address can be found at the end of the first section). If you are interested in an upgrade service contact us directly.

The manual consists of the following:

Part I:	Installation of QMSOFT modules
Part II:	Introduction
Part III:	The gauge data management system <b>QM-MANAG</b>
Part IV:	The inspection program <b>QM-DIAL</b> (inspection of dial gauges, dial indicators)
Part V:	The inspection program <b>QM-PLAIN</b> (inspection of plain gauges)
Part VI:	The inspection program <b>QM-THREAD</b> (inspection of screw thread gauges)
Part VII:	The inspection program <b>QM-MICRO</b> (inspection micrometers)
Part VIII:	The inspection program <b>QM-CALIP</b> (caliper inspection)
Part IX:	The inspection program <b>QM-BLOCK</b> (inspection of gauges blocks and -sets)
Part X:	The inspection program <b>QM-SCALE</b> (inspection of graduated scales and steel rules)
Part XI:	The inspection program <b>QM-PIN</b> (inspection of cylindrical pins and pin sets)
Part XII:	The gauge nominal calculation program <b>GAUGEAL</b> (calculation of gauge nominal values for any type of plain and thread gauges)
Part XIII:	The inspection program <b>QM-TTAP</b> (inspection of conical threads – e.g. NPT)
Part XIV:	The inspection program <b>QM-SPLINE</b> (inspection of involute and straight sided spline gauges)
Part XV:	The program <b>QM-INSPECT</b> (free inspection procedures)
Part XVI:	The program <b>QM-TORQUE</b> (inspection of hand torque tools)
Part XVII:	The program <b>QM-PRESS</b> (calibration of pressure gauges)
Part XVIII:	The program <b>QM-CALCUL</b> (special program for calibration labs to calculate the costs for service and inspection)  (other programs are being developed)

Appendix A: General information about selling and delivering conditions of the software

Appendix B: The „EDITOR“ program - editing of calibration certificates

Appendix C: Interface programs for different machine types

Appendix D: Making the Online-connection of measuring machines

Appendix E: Probe management program (QM-PROBE)

It should be mentioned that, due to technical advancements some minor discrepancies may be found in your manual and which appears in the screen.