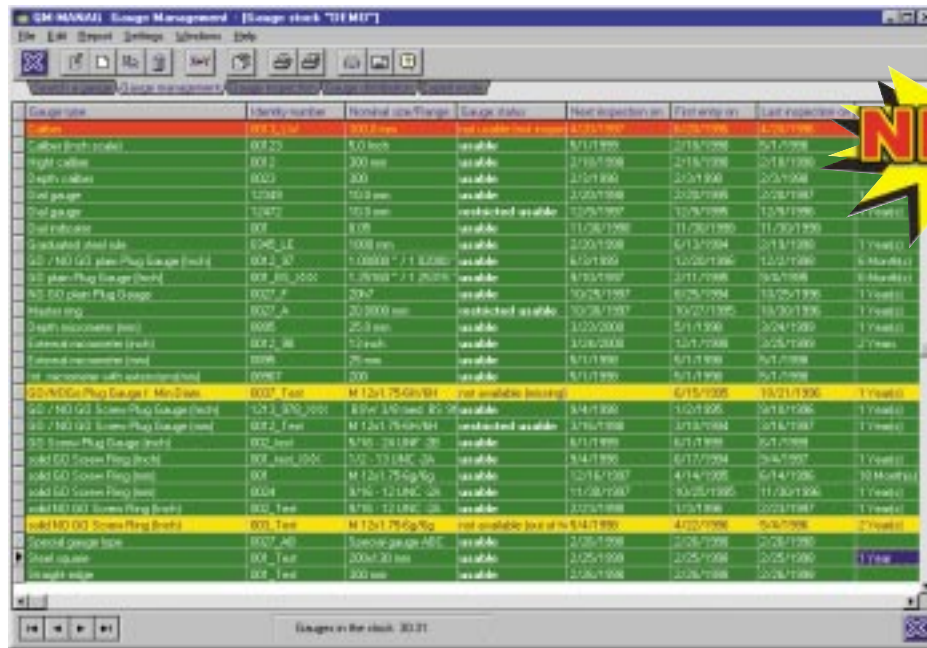


The QMSOFT (Quality Management SOFTWARE) system is a completely computer assisted tool that enables the monitoring of a company's complete range of measuring and inspection equipment. To do this, QMSOFT makes use of a number of special modules which allow not only the management, but also the controlled measurement of gages.



Gage title	Identify number	Normal size/Tolerance	Gage status	Next inspection on	First entry on	Last inspection
Depth Gage (inch)	00223	50.000	available	5/11/1998	5/11/1998	5/11/1998
Depth caliper	002	300 mm	available	2/19/1998	2/19/1998	2/19/1998
Depth caliper	0023	500	available	2/21/1998	2/21/1998	2/21/1998
Flat gage	12048	50.0 mm	available	2/25/1998	2/25/1998	2/25/1998
Flat gage	12047	50.0 mm	restricted available	2/25/1998	2/25/1998	2/25/1998
Flat gage	001	8.00	available	11/26/1998	11/26/1998	11/26/1998
Stacked steel rule	E-96-LE	1000 mm	available	2/25/1998	6/13/1994	2/19/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	1.0000" ±1.0000"	available	4/21/1998	12/28/1996	12/28/1996
7-Mil G21 Screen Plug Gauge (inch)	002-30-2000	1.2500" ±1.2500"	available	4/21/1998	2/11/1998	2/25/1998
7-Mil G21 Screen Plug Gauge	002-7	29.7	available	2/25/1998	2/25/1998	12/25/1998
7-Mil G21 Screen Plug Gauge	002-A	20.000 mm	restricted available	2/25/1998	10/22/1996	10/22/1996
Depth micrometer (inch)	0006	25.0 mm	available	1/22/2000	5/11/1998	2/24/1998
Depth micrometer (inch)	002-36	52.0 mm	available	1/22/2000	5/11/1998	2/24/1998
Depth micrometer (inch)	0008	75 mm	available	5/11/1998	5/11/1998	5/11/1998
Depth micrometer (inch)	0007	100	available	5/11/1998	5/11/1998	5/11/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	not available (out of stock)	5/11/1998	12/21/1996	11/26/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	available	5/11/1998	1/22/1998	2/19/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	restricted available	3/16/1998	3/16/1998	2/19/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	available	5/11/1998	5/11/1998	5/11/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30-2000	M 1.26175 G4% H4	available	5/11/1998	6/17/1994	2/24/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	available	5/11/1998	4/14/1998	5/14/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	available	11/28/1997	10/25/1996	11/30/1996
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	available	2/21/1998	1/21/1998	2/21/1998
7-Mil G21 Screen Plug Gauge (inch)	002-30	M 1.26175 G4% H4	not available (out of stock)	4/22/1998	5/4/1998	2/24/1998
Screen Plug Gauge	002-30	Screen Plug Gauge	available	2/25/1998	2/25/1998	2/25/1998
Screen Plug Gauge	002-30	Screen Plug Gauge	available	2/25/1998	2/25/1998	2/25/1998
Screen Plug Gauge	002-30	Screen Plug Gauge	available	2/25/1998	2/25/1998	2/25/1998

### Features:

- Gage management and gage inspection are integrated into the system with equal importance.
- Specially developed modules make possible the calibration of all common gages using any national, international or user defined standard. It is therefore not necessary to define an inspection procedure for each gage type.
- Extensive support for directly connected measuring devices including Trimos & Sylvac calibration instruments.
- All normal sizes and tolerances for gages are calculated by the program.
- Inspection certificates may be customized for individual presentation using the built in word processor.

### QM-MANAG - The gage management system

QM-MANAG provides all the functions to manage the complete inventory of measuring tools and gages. It also allows the creation of identification cards, search and reminder lists, as well as histories of all measuring tools and gages



Order No.	Description
<b>54-778-100</b>	QM-Management software
<b>54-778-101</b>	Additional licences for QM-Management software (requires one #54-778-100)
<b>54-778-150</b>	QM-Dial Gage software
<b>54-778-200</b>	QM-Caliper software
<b>54-778-250</b>	QM-Micrometer software
<b>54-778-300</b>	QM-Pin Gage software
<b>54-778-350</b>	QM-Plain & Thread Gage software

The QMSOFT modules all include the facility to check gages against the major international standards. There is also the possibility to enter factory in-house standards for each gage within the database. The modules within QMSOFT are completely independent, therefore allowing users to tailor the system to their own requirements.

### QM-PLAIN - plain gage inspection

QM-PLAIN supports the inspection of master rings and ring gages, plug gages and snap gages. Using the selected gage type and the normal value provided (e.g. 2H7), the program calculates the gage tolerances. Includes DIN, ANSI/ASME, BS.

### QM-THREAD - Thread gage inspection

QM-THREAD calculates the expected size over wires or balls and the pitch diameter depending on the measurement method. The program calculates the nominal sizes and tolerances for varied international standards including: ANSI/ASME, DIN, DIN ISO, NF, BS.

### QM-DIAL - dial gage inspection

QM-DIAL - supports the inspection of dial gages, dial indicators and dial test indicators. Standards supported include: DIN, BS, NF, ANSI/ASME, KS, JIS, AS.

### QM-CALIP - inspection of calipers

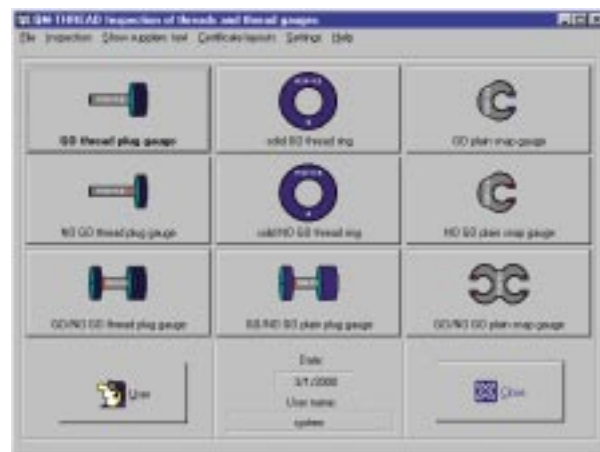
QM-CALIP supports the inspection of calipers. height caliper and depth calipers. Standards supported include: DIN, BS, AS.

### QM-MICRO - inspection of micrometers

QM-MICRO supports the inspection of external micrometers, micrometer heads, depth micrometers, and thread micrometers. Standards supported include: ANSI, DIN.

### QM-PIN - inspection of pin gages

QM-PIN supports the inspections of single and set pin gages. Standards supported include: ANSI, DIN.





QM SOFT (Quality Management Software)

Examples of other QMSOFT modules.

The collage displays various QMSOFT modules:

- Calibration Certificate:** A document for a 'GO ring gauge' with nominal size 3.0000 inches. It lists gauge nominal sizes (Upper/Lower deviation and wear limits) and a table of actual values.
- Inspection Data Table:** A table for 'Inspection: GO ring gauge S&G 1RS 05' showing measurements and tolerance limits.
- 3D Gauge Models:** Visual representations of 'T-shaped pins', 'Steped pins', 'Substrates', and 'Master for internal measurements'.
- Inspection of effective diameter:** A data entry screen for diameter measurements with columns for 'No. of pieces', 'No. of uses', 'Max. value', 'Effective diameter', and 'Tolerance limit'.
- Inspection of Ball gauges and indicators:** A screen for ball gauge specifications, including a table of nominal values and tolerance limits, and a 'Gauge multiplication factors' section.
- 3D Thread plug gauge:** A screen for thread gauge specifications, including thread designation, standard, and various diameter and angle parameters.
- Measurement Charts:** Two line graphs showing measurement trends over time.

