



# Data Collection Software (Suitable for 32 & 64 Bit Operating Systems)

Software Wedge is an ingenious and inexpensive piece of software that allows the user to connect ANY gauge with an RS 232 output directly to a PC, laptop etc and send the instruments reading to such programs as spreadsheets, databases etc. Imported data can be manipulated, analysed etc on a users own software of choice.

## Software Wedge for Windows

Standard version features:

- Supports all COM ports. Install on up to 32 serial ports on a PC for data collection from many devices simultaneously
- Data transfer as keystrokes directly into any other application program
- A powerful serial data analyser feature allows you to preview serial data and debug all serial communications problems
- Data filtering capabilities let you selectively filter out non-numeric characters from any field in your input data or ignore specific fields altogether

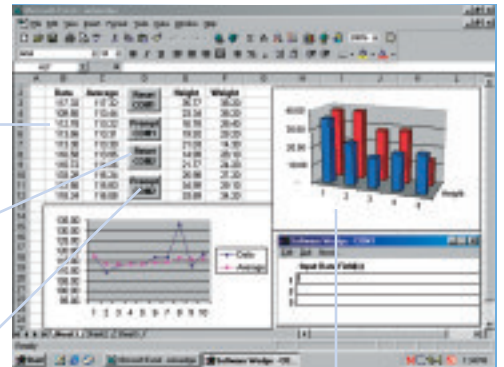
Pro version - all the features of the standard version plus:

- Extended support for 2-way I/O to give you more options for controlling serial devices
- Support up to 99 com ports simultaneously
- Support for any serial data including binary hexadecimal and octal as well as ASCII
- Thirty powerful maths and string functions including scaling, conversions, arithmetic and logical operators
- Hot key activated output strings and hot key control of all WinWedge pro features
- More advanced data filtering option

Input serial data from any instrument directly into your application programs in real time.

Create buttons or macros in your application that perform Serial I/O functions with the Pro version.

Send out commands or data to control your instruments directly.



Create charts or graphs in your application that automatically update with real-time data from your serial devices.

### SOFTWARE WEDGE

Code No	Description
30-1522	Software Wedge-Standard (32 & 64 Bit)
30-1524	Software Wedge-Pro (32 & 64 Bit)

## Sylvac Sylconnect



Software allowing the connection of 16 Sylvac handtools to a computer by USB cable. No specific interface is required! The instruments can be directly connected to the USB port or via USB-Hub available on the market.

Automatic recognition and USB port setting for every new connected instrument. A digital or analog window is automatically created for each instrument. Jpeg picture import function and window value resizing. Direct values export to Excel worksheet. Possibility to connect one or many USB footpedals to drive different instruments.



### SYLCONNECT

Code No	Description
30-981-7110	Sylconnect Licence (Single Licence)
30-981-7111	Sylconnect Dongle (Single Licence)
30-926-7020	USB Foot Pedal
30-926-7021	Heavy Duty USB Footswitch



Multi channels screen with tolerances displayed in colour



Automatic instrument detection and configuration window



Tolerances setting



Multi channels screen displayed in analog mode

## Gauge Management & Calibration Software

The inspired QMSOFT (Quality Management Software) system is a comprehensive, user-friendly gauge management software programme, enabling the efficient administration of a company's measuring instrument inventory, or the effective management of commercial calibration laboratory gauge throughput. Add on individual modules relating to specific gauge categories render this powerful software one of the most comprehensive and flexible currently available.

The screenshot displays the QMSOFT software interface. The main window shows a table with columns for 'Gauge No.', 'Gauge Name', 'Gauge Size', 'Gauge Type', 'Gauge Status', 'Gauge Location', 'Gauge Date', and 'Gauge Operator'. The table contains multiple rows of gauge data, with some rows highlighted in red to indicate specific status or alerts. On the right side, there is a detailed view of a gauge inspection, showing a list of inspection results with columns for 'Gauge No.', 'Gauge Name', 'Gauge Size', 'Gauge Type', 'Gauge Status', 'Gauge Location', 'Gauge Date', and 'Gauge Operator'. Below this, there is a section for 'Certificate Number' and 'Inspection Result', followed by a small image of a gauge.

### QMSOFT Main Features

- Gauge management and gauge inspection are integrated into the system with equal importance
- Specially developed modules make possible the calibration of all common gauges using any national, international or user defined standard. It is therefore not necessary to define an inspection procedure for each gauge type
- Extensive support for directly connected measuring devices including Trimos & Sylvac calibration instruments
- All normal sizes and tolerances for gauges are calculated by the program (with relevant modules installed)
- Inspection certificates may be customised for individual presentation saved as html, doc or pdf files

### QM-MANAG - The Gauge Management system

Code No 20-3250

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

The QMSOFT modules allow the operator to calibrate all types of measuring instruments against major international standards or to create and use more practical in-house standards for each gauge within the database. The easy to use, modular nature of QMSOFT allows the user to customise the software to match their own requirements.



### QM-PLAIN - plain gauge inspection

**Code No 20-3251**

QM-PLAIN supports the inspection of master rings and ring gauges, plug gauges and snap gauges. Using the selected gauge type and the nominal value provided (e.g. 2H7), the program calculates the gauge tolerances.

Includes DIN, ANSI/ASME and British Standards.

### QM-THREAD - thread gauge inspection

**Code No 20-3252**

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:

- ISO metric threads BS 3643
- Unified threads to ANSI / ASME
- Pipe threads to BS 2779
- Steel Conduit threads to DIN 40431
- Trapezoidal threads to DIN 103
- Whitworth threads BS 84:1956
- Helicoil threads to BOELLHOFF standard
- Unified threads to BS 1580
- Unified Helicoil to BOELLHOFF standard
- Buttress threads to DIN 513
- MJ threads to DIN ISO 5855
- NPSM pipe threads to ANSI / ASME
- Threads for valves to DIN 7756 / ETRTO V.7
- ACME screw threads to ASME / ANSI
- STUB ACME screw threads to ASME / ANSI
- Buttress inch screw threads 7°/45° to ANSI
- Thread gauges according to factory standard
- Plus many others

### QM-DIAL - dial gauge inspection

**Code No 20-3255**

QM-DIAL supports the inspection of dial gauges, dial indicators and dial test indicators. Standards supported include:

- Dial gauges to DIN 878
- Dial indicators to DIN 879
- Dial test indicators to DIN 227
- Dial gauges to BS 907
- Dial indicators to BS 2795

### Additional modules include:

**QM-CALIP** - Code No 20-3256 - inspection of calipers

**QM-MICRO** - Code No 20-3258 - inspection of micrometers

**QM-PINS** - Code No 20-3257 - inspection of pin gauges

**QM-EMP4W** - Code No 20-3261 - inspection of gauge blocks

**QM-RULE** - Code No 20-3259 - inspection of rules

**QM-TORQ** - Code No 20-3249 - inspection of torque gauges

**QM-TTAP** - Code No 20-3248 - inspection of tapered threads