

# KEPLER 4 FOR 2017 COMBINED

***The combined program for the calibration and certification of torque wrenches to BS EN ISO 6789:2017, BS EN ISO 6789:2003 or your own in-house standards, and for keeping track of each individual wrench.***



Kepler 4 is built around a new works orders database, which ties together the customer, tool, model, reading & certificate.

## KEY CONFORMITY FEATURES

- Complies with ISO 6789:2017 Part 1, allowing the automatic calculation of the mean deviation and mean value for each setting.
- Also calculates the deviation for each reading, and indicates by colour whether the reading is within tolerance to the selected standard.

## KEY CALIBRATION FEATURES

- Complies with ISO 6789:2017 Part 2, allowing the automatic calculation using new formulae of the mean, deviation & combined uncertainty of each set of readings, for each torque tool.
- Calibrates both square and hexagonal drive wrenches.
- Full tracking of tools calibration performance and history. Produce a report listing tools that require calibrating.
- The ability to calculate average values of uncertainties Bod, Bint and BI over the last 10 calibrated tools of the same model.
- The ability to Colour the Calibration, to apply colour indicators to the results to show whether the deviation is within tolerance for the tool type as defined in ISO 6789:2017 Part 1. This can also be displayed on printed reports.

## KEY SHARED FEATURES INCLUDE

- Powerful search function allows historic calibration and conformity certificates to be easily found from searching by customer, tool or model; works order number or certificate number.
- Bespoke templates easily created for certificates, reports and labels. Auto or manual certificate numbering.
- Option to operate in 6789:2003 to allow phased migration to 6789:2017.
- Tool performance & data input via COM port and keyboard. Option for bar code direct entry.
- A Miscellaneous Tools feature, allowing storage of non-torque tool information for use in recording the calibration of Miscellaneous Tools, generating overdue tool reports, and certificate front pages.
- Exporting of results data as a csv file for use in other programs.

Advanced Data & Measurement Systems is a Trading name owned by  
Advanced Witness Systems Ltd © 2022

Data was correct at time of publication.  
Catalogue Page 53

## OTHER FEATURES INCLUDE

- All certificate print details recorded. Enables exact reproduction ensuring full traceability.
- Multiple operator accounts for users, maintainers & administrators (with passwords).
- Cloning facility speeds multiple data entry.
- Import and Export reports into text or spreadsheet formats for more efficient database backup.
- Databases can be converted from Kepler 3, 2002 and 2000 allowing faster start up for previous customers.
- Databases can be stored locally or on a server for more efficient backup.
- Multiple translations available, including the facility to create your own translation.
- Data output and report generation collated and filtered from any combination of good and out of tolerance tools.
- Comprehensive user manual.
- Free demonstration and 6 months full help and support included in purchase.
- Certificate conversion available on enquiry.

## SYSTEM REQUIREMENTS:

Minimum Screen Resolution: 1280x768.  
 Software is a .NET application using an SQL Database.  
 Minimum System: i5 Processor or equivalent, 4GB RAM, on board graphics. Keyboard & Mouse Interface.

The screenshots show the software's user interface. The top screen displays 'Regular Readings' for a nominal torque of 50,000 N.m, with settings for 10,000, 30,000, and 50,000 N.m. The middle screen shows 'Calibration Instrument and Lab Settings' with a list of instruments and their descriptions, and a 'Standard Setup' section. The bottom screen shows 'Reading Details' with a table of readings and a 'Control' section for available readings.

Reading	Setting	Setting 1	Setting 2	Setting 3
Reading 1	10,000	30,000	50,000	
Reading 2	10,000	30,000	50,000	
Reading 3	10,000	30,000	50,000	
Reading 4	10,000	30,000	50,000	
Reading 5	10,000	30,000	50,000	

*Disclaimer: This datasheet may not reflect the latest version of the software. For more information, visit our website: [www.awstorque.co.uk](http://www.awstorque.co.uk).*

## ALSO AVAILABLE AS SEPARATE CONFORMITY AND CALIBRATION VERSIONS

Advanced Data & Measurement Systems is a Trading name owned by  
 Advanced Witness Systems Ltd © 2022

MANUFACTURER INFORMATION	SUPPLIER INFORMATION
Advanced Witness Systems Ltd Unit 8 Beaumont Business Centre Beaumont Close Banbury OX16 1TN Tel: +44 (0)1295 266939 Email: <a href="mailto:sales@awstorque.co.uk">sales@awstorque.co.uk</a>	(Empty space for Supplier Information)