

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.

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Data was correct at time of publication.
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OTHER FEATURES INCLUDE

- All certificate print details recorded. Enables exact reproduction ensuring full traceability.
- 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.
- **NEW!** K factor verification to UKAS M3003 Appendices B and C using external spreadsheet module (Sold Separately).

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.

Disclaimer: This datasheet may not reflect the latest version of the software. For more information, visit our website: www.awstorque.co.uk.

The image displays three screenshots of the Awstorque software interface. The top screenshot shows the 'Regular Readings' screen with a table of settings and readings. The middle screenshot shows the 'Calibration Instrument and Lab Settings' screen with various configuration options. The bottom screenshot shows the 'Reading Details' screen with a detailed data table.

Setting	Setting 1	Setting 2	Setting 3
Setting:	10,000 N.m	30,000 N.m	50,000 N.m
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

Readings	General	Customer	Tool	Standard	Other Readings	Calculations
Tool Type/Class	Setting	Setting	Setting			
Type 2A	20%	60%	100%			
Clockwise	10,000 N.m	30,000 N.m	50,000 N.m			
Reading	all	all	all			
Reading 1	10,000	30,000	50,000	0.000%		
2	10,000	30,000	50,000	0.000%		
3	10,000	30,000	50,000	0.000%		
4	10,000	30,000	50,000	0.000%		
5	10,000	30,000	50,000	0.000%		
Mean Value (User)	10,000	30,000	50,000			
Mean of Error (User)	0.220	0.000%	0.000%	0.000%		
Uncertainty Expanded (95%)	0.900	0.213	0.212	0.212		
Uncertainty Interval (95%)		0.913	0.912			

ALSO AVAILABLE AS SEPARATE CONFORMITY AND CALIBRATION VERSIONS

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