Torque Wrench Data Collector Software

TWDC

Torque Wrench Calibration Data at Your Fingertips

With Larson Systems' TWDC Software, your torque wrench testing results can be accessed, stored and manipulated as they are generated, giving you complete control of your torque wrench calibration data.

Calibration Report
Larson Systems Inc. Torque Wrench Data Collector

A Company Name, Anytown USA

Wrench Type : Click Style	Temperature : 72.0 °F
Serial # : 951378264	Humidity : 50 %
Performed By :	

Final Approval : _____
Date : 6/1/2016 4:32 PM
Recalibration Date : 6/1/2017, 12 months

Certified Calibration Equipment Used

Device : Larson Systems Inc. Ultra Torque Wrench Calibration System

Device Serial Number	: 0123456789	Calibration Date	: 5/6/2016
Torque Cartridge	: 200.00 in lb	Recalibration Date	: 5/7/2016
Cartridge Serial Number	: F39996		

Testing Procedure

Wrench Capacity	: 100.00 in lb	Number of Measuring Points	: 5
Wrench Tolerance	: 4.0 %	Number of Tests per Point	: 5
Testing performed in	: Manual Mode		

This is to certify that the torque assembly tool accompanied by this document has been calibrated to Standards traceable to the National Institutes of Standards (N.I.S.T.). Calibration performed in accordance with ISO 6789:2003(E).

Calibration Data

Points / Test	20.00 (in lb)	40.00 (in lb)	60.00 (in lb)	80.00 (in lb)	100.00 (in lb)
1	20.06	40.00	60.08	80.12	100.20
2	20.08	39.88	60.02	80.10	100.12
3	20.02	39.92	59.98	80.24	100.14
4	19.96	40.00	59.92	79.98	100.02
5	20.02	40.02	59.90	80.06	99.98
+ 4%	20.80	41.60	62.40	83.20	100.40
High	20.08	40.02	60.08	80.24	100.20
Low	19.96	39.88	59.90	79.98	99.98
- 4%	19.20	38.40	57.60	76.80	96.00
In Tol	OK	OK	OK	OK	OK

*Calibration Certificates
Conform to ISO 6789:2003*

USB or RS 232 to Connect Directly to Your PC

Built in USB and RS 232 connections on the back of our UTWCS (Ultra Torque Wrench Calibration System) allow you to connect directly to a PC for instant access to testing data as it is generated.

Store & Load Specifications with a Click

Save specification files for each part you test in the TWDC software and switch between specifications on-demand. A couple clicks and you're ready to test a completely different wrench.

*Tester not included.

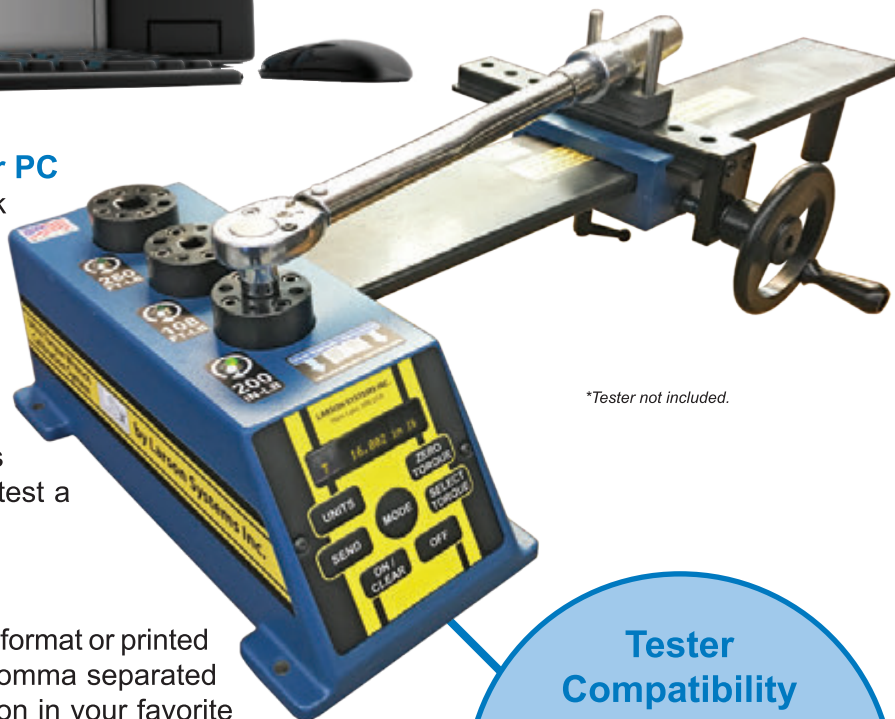## Save, Print & Export Testing Data

Test results can be saved in our proprietary TWDC format or printed immediately. You can also export data as .csv (comma separated value) files for further exploration and manipulation in your favorite spreadsheet software, such as Microsoft Excel.

Take TWDC for a Test Drive Today

Download a demo at www.larsonsystems.com/twdc

Minimum System Requirements

Windows 7 with .NET Framework 4.0 or greater.

Tester Compatibility

TWDC software works with any USB-equipped UTWCS (Ultra Torque Wrench Calibration System) from Larson Systems Inc.