

# Torq-Tronics 2<sup>®</sup>

## Digital Torque Tester Series



The new Torq-Tronics 2 with Fail Safe Engineering takes your quality to a new level.

Accuracy of 0.5% (indicated value) from 10% to 100% of capacity and Torq-Tronics 2 capabilities provide greater control of your torque testing program.

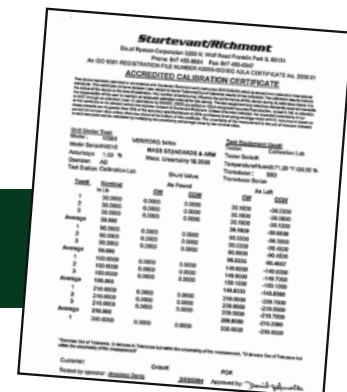
The new Torq-Tronics 2<sup>®</sup> line of Digital Torque Testers is ideal for interim or daily torque testing programs for clicker torque wrenches, camover torque tools, torque screwdrivers, and non-impact power tools.

- Greater accuracy and durability with simplicity and ease of operation
- Highly visible display in any lighting
- 6 digit floating decimal point for superior resolution

Like all Sturtevant Richmond products, Torq-Tronics 2 meets or exceeds the following International and American standards:

- ASME B107.300 - 2010 Electronic Tester, Hand Torque Tools
- ISO 5393 Rotary tools for threaded fasteners- Performance test methods.
- ASME B107.4M Driving and Spindle Ends for Portable Hand, Impact, Air, and Electric Tools (Percussion Tools Excluded).
- ISO 1773 Assembly Tools for Bolts and Screws – Driving Squares for Power Socket Wrenches and Hand Socket Wrenches.
- ISO 1774-2 Assembly Tools for Bolts and Screws – Driving Squares for power socket tools

Includes FREE calibration certificate from our ISO/IEC 17025 Accredited Laboratory.



## Features and Characteristics

- Accuracy of +/- .5% of Indicated Value from 10% to 100% of rated capacity. Meets or exceeds requirements of ASME B107.300-2010.
- Tests in both clockwise and counterclockwise directions.
- Four modes of operation - Track, Peak, Initial Peak and Power Tool.
- Units of measure include English, Standard International and metric.
- Units of 300 inch-pound (34 Nm) capacity and below are optimized for bench mounting; larger units may be mounted vertically or horizontally for better safety and efficiency.
- With only 8 buttons Torq-Tronics 2® is amazingly simple to operate!
- Memory stores up to 999 records that can be downloaded to Hyper-Terminal or terminal type program or serial logger program included on the USB stick to create testing reports and data storage.
- Four line vacuum florescent display (VFD) is easy to read.
- Red/Green LED indicates whether a measurement is within the target torque value.
- Built with Fail Safe Engineering.
- Includes 120-240 VAC to 6 VDC screw on power supply for security during power tool testing.
- Runs on four AA NiMH rechargeable batteries. Batteries sold separately. Quick charge unit is available.
- Includes a rugged protective case for storage and transit.
- Power Tool mode has ten filters and will accurately test all clutch type and pulse tools.

Part No.	Model Designation	Description	Drive Size
10691	Torq-Tronics 2 10I	Digital Torque Tester 1 Nm / 10 in.lb	¼”M Hex
10692	Torq-Tronics 2 50I	Digital Torque Tester 6 Nm / 50 in.lb	¼”M Hex
10693	Torq-Tronics 2 100I	Digital Torque Tester 12 Nm / 100 in.lb	3/8”M Hex
10694	Torq-Tronics 2 300I	Digital Torque Tester 34 Nm / 300 in.lb	3/8”M Hex
10695*	Torq-Tronics 2 80	Digital Torque Tester 109Nm / 80 ft.lb	½”F Sq.
10696*	Torq-Tronics 2 150	Digital Torque Tester 201 Nm / 150 ft.lb	½”F Sq.
10697**	Torq-Tronics 2 250	Digital Torque Tester 339 Nm / 250 ft.lb	¾”F Sq.
10698**	Torq-Tronics 2 600	Digital Torque Tester 814 Nm / 600 ft.lb	¾”F Sq.

\*Comes with .375” or 3/8 inch adapter at no additional charge. - Part number 870777

\*\* Comes with .5” or 1/2 inch adapter at no additional charge. - Part number 870778

Part No.	Model Designation	Description
870776	Adapter, .25” F	Adapter, .25” Female Square to .375” Male Square
870777	Adapter, .375 F	Adapter, .375” Female Square to .5” Male Square
870778	Adapter, .5” F	Adapter, .5” Female Square to .75” Male Square
816261	4 AA NiMH Batteries	4-pack, AA 2300 mAH rechargeable NiMH batteries
21259	Battery Quick Charge Unit	AC powered external battery charging unit & 4 AA NiMH batteries
10599	TTM 4.0	Torque Tool Manager Software
10230	Bracket, Single	Single Stand, holds one Torq-Tronics upright
10231	Bracket, Dual	Dual Stand, holds two Torq-Tronics units upright

# Rundown Fixtures

# RDF

## Series



Rundown fixtures assist in testing the output of pulse, stall and clutch power tools. Neither our testers nor our rundown fixtures are designed or suited for impact tools.

Testing pulse and clutch powers tools are accomplished by allowing the tool to achieve rotational speed prior to torque measurement. The rundown fixtures all include components to emulate either a hard or medium joint, thus assuring greater test accuracy.

The rundown fixtures work with Torq-Tronics 2 (+/- .5% Indicated Value) and our new System 8 (+/- .25% Indicated Value) Digital Torque Testers.

### Filters and Testing

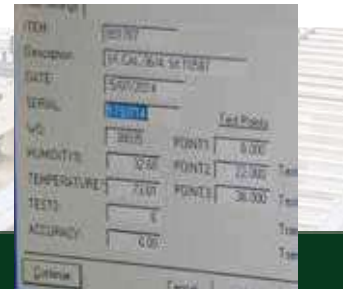
Both Torq-Tronics 2 and the System 8 digital torque testers have power tool testing filters built. Matching tool capacity, rundown fixture capacity, and the transducer capacity is the basis for creating accurate test results.

Part No.	Model Designation	Description	Drive Size
10349	RDF 1 Nm	Rundown Fixture, 1 Nm/10 in lb capacity	1/4" Female Hex
10350	RDF 3 Nm	Rundown Fixture, 3 Nm/25 in lb capacity	1/4" Female Hex
10351	RDF 6 Nm	Rundown Fixture, 6 Nm/50 in lb capacity	1/4" Female Hex
10352	RDF 17 Nm	Rundown Fixture, 17 Nm/150 in lb capacity	3/8" Female Hex
10353	RDF 34 Nm	Rundown Fixture, 34 Nm/300 in lb capacity	3/8" Female Hex
10354	RDF 34 Nm	Rundown Fixture, 34 Nm/300 in lb capacity	1/2" Male Square
10355	RDF 68 Nm	Rundown Fixture, 68 Nm/600 in lb capacity	1/2" Male Square
10356	RDF 109 Nm	Rundown Fixture, 109 Nm/960 in lb capacity	1/2" Male Square
10357	RDF 204 Nm	Rundown Fixture, 204 Nm/1800 in. lb. capacity	1/2" Male Square
10358	RDF 339 Nm	Rundown Fixture, 339 Nm/3000 in. lb. capacity	3/4" Male Square

# Torque Tool Manager Software

# TTM 4.0

## Calibration & Certification Software



Torque Tool Manager 4.0 (TTM 4.0) is calibration and certification software specifically engineered to work with our System 8, Torq-Tronics 2 or your legacy System 4/5, System 6, or Torq-Tronics Digital Torque Testers!

TTM 4.0 software will fulfill your TS 16949 and ISO calibration requirements far more cost-effectively than manual record keeping systems!

- Choose from standard calibration routines or customize your own to assure proper test procedures and accuracy - every time! TTM is flexible; it accommodates the full range of manual and power torque tools.
- TTM 4.0 error-proofs calibration procedures and virtually eliminates retesting due to operator error! TTM 4.0

downloads the proper test protocol to your SR tester and sets the tester up for the tool. It will only accept results that are in line with the test protocol, so errors resulting from failure to follow the programmed procedure are automatically rejected.

- TTM 4.0 keeps records for each tool, including calibration date, serial number, tester and transducer serial numbers, operator, "As Found" and "As Left" test results, NIST traceability numbers, and all other data required for ISO and QS compliance!

**Contact customer service via email at [customerservice@sr torque.com](mailto:customerservice@sr torque.com)**

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