



[ERROR PROOFING TOOLS](#)

[CONTACT US](#)

[RESOURCE BOX](#)

[ABOUT](#)

Search



TORQ-TRONICS 2 DIGITAL TORQUE TOOL TESTER

[Home](#) / [Error Proofing Tools](#) / [Digital Torque Testers and Calibration Equipment](#) /
Torq-Tronics 2 Digital Torque Tester



Torq-Tronics 2 Ordering Information

Part Number	Model Designation	English Low Capacity	English Capacity	Metric Low Capacity	Model Designation
10691	10 I	1 in-lb	10 in-lb	0.1 Nm	10 I
10692	50 I	5 in-lb	50 in-lb	0.6 Nm	50 I
10693	100 I	10 in-lb	100 in-lb	1.2 Nm	100 I
10694	300 I	30 in-lb	300 in-lb	3.4 Nm	300 I
10695*	80	8 ft-lb	80 ft-lb	10.9 Nm	80
10696*	150	15 ft-lb	150 ft-lb	20.1 Nm	150
10697**	250	25 ft-lb	250 ft-lb	33.9 Nm	250
10698**	600	60 ft-lb	600 ft-lb	81.4 Nm	600
21555	Power Supply for both Domestic and International included				

** Includes p/n 870777 .5" M Square to .375" F Square Adapter.*

*** Includes p/n 870778 .75" M Square to .5" F Square and .5" M Square to .375" F Square adapters*

Optional: p/n 870776 3/8" M Square Adapter to 1/4" F Square Adapter

Contact Your Local SR Sales Professional

Part Number	Model Designation	Description
816261	AA NiMH Rechargeable Batteries	4 Pack 1400 mAh

Part Number	Model Designation	Description
21259	Battery Quick Charge Unit and Batteries Kit	AC powered external battery charging unit. Includes 4 pack of 1500 mAH NiMH rechargeable batteries.
10599	Torque Tool Manager 4.0	Calibration software for Torq-Tronics 2 and System 8
10230	Bracket, Single	Single Stand holds one (1) Torq-Tronics 2 unit upright.
10231	Bracket, Dual	Dual Stand holds two (2) Torq-Tronics 2 units upright.

***An Important Note About Our NiMH Battery Selection**

The 1100 Series Exacta 2 circuit board is designed on the highly consistent 1.2-volt power curve provided by rechargeable NiMH batteries. Other batteries like Alkaline or Lithium batteries provide 1.5 volts in the power curve. The additional voltage will damage the circuit board.

Please Remember These NiMH Battery Facts:

- NiMH rechargeable batteries come in a range of mAh (milli-amp hour) ratings.
- The rating difference is the number of operational hours the battery will supply.
- The higher the mAh rating, the longer the batteries last between charges.
- High mAh rated batteries take longer to charge than low mAh rated batteries.
- Quick chargers shorten useful battery life.
- The trickle charger is the best way to recharge the batteries and preserve battery life.

For more information about batteries and SR tools, see our [Battery Selection Page](#).

Contact Your Local SR Sales Professional

Torq-Tronics 2 Digital Torque Tester

Sturtevant Richmond invented the first torque analyzers and torque testers. Those inventions shaped both the manufacturing and the torque tool industry. The new Torq-Tronics 2® takes the industry to another level by being the first torque tester to let the workers and supervisors know that the tester may have been pulled out of tolerance.

The first digital torque tester with Fail-Safe Engineering!

- Greater accuracy and durability with simplicity and ease of operation

- Floating decimal point, 6 digit display is easy to read
- Accurate to +/- .5% (indicated value) from 10% to 100%
- Fail-Safe Engineering over capacity alert and tracking

What good is testing torque tools with a tester that could be out of tolerance and you don't know it? Torq-Tronics 2 with Fail-Safe Engineering solves this long-standing challenge.

Accuracy Reliability Durability

Like all Sturtevant Richmond tools, Torq-Tronics 2 is built for accuracy and durability and meets or exceeds the following 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

Contact Your Local SR Sales Professional

Applications

Torq-Tronics 2 display has a floating-point decimal resolution showing 6 digits throughout. Combine that with an accuracy of +/- 0.5% (indicated value) from 10% to 100% in both clockwise and counterclockwise directions, the Torq-Tronics 2 capabilities give you control of your torque testing program.

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

Battery-powered for mobile use allows greater versatility when and where you test tools. Memory holds complete information about each torque event. 999 torque events are all time and date stamped and can be downloaded in a CSV file format for your convenience.



Units may be wall-mounted.



Units may be bench mounted.

Fail-Safe Engineering: A Tester That Has Something Important to Say to You!

Torq-Tronics 2 error proofs your error-proofing program by letting you know when the unit has been stretched to 120% or more of capacity and may no longer be in calibration.

Every aspect of the torque tool testing process has been engineered to fail-safe specifications to protect your quality and your reputation.

Contact Your Local SR Sales Professional

What Is Fail-Safe Engineering?

Customers tell us we build the most reliable torque testing instruments and transducers on the market. But even the strongest instruments are subject to the rigors of the industrial world.

Calibration labs and in-house testing face the same question:

What good is testing torque tools with a tester that unknowingly could be out of calibration?

TorqTronics 2 solves this long-standing challenge with Fail-Safe Engineering. When a transducer is pulled to 120% or more of the rated capacity, Fail-Safe Engineering automatically notifies everyone of a potential problem and tracks all work completed until the issue is resolved.

We designed the flashing LED to get attention from anyone who has a clear line of sight on the unit. That flashing red LED will get attention.

Fail-Safe Engineering automatically initiates these powerful steps:

1. The secondary memory (we call it the “Elephant Memory” because it is indelible) activates and all activities are recorded.
2. The overload warning “OVL” is readily visible in the top line of the display.
3. Functionality is reduced.
4. The lower-left corner of the display indicates OVL instead of OK/BAD when an overload situation exists.
5. The red LED continues to flash and will do so until the power is turned off or the transducer has been reset.
6. When power is restored the display denotes that there has been an Over Capacity incident and that the unit should be verified and reset.
7. When power is restored the red LED resumes flashing and the incident that threw the unit into Fail Safe mode is shown on the display.
8. All test events are marked with OVL rather than OK/BAD until the unit has been restored.
9. The “Elephant Memory” recording the overload incident and the subsequent testing cannot be erased.
10. If the operator tries to erase any of the post overload events the display will read “120% OVL See Supervisor”
11. Restoring the unit to full functionality and stopping all Fail Safe Engineering is password protected and can be reset with 4 keystrokes.

Torq-Tronics 2® Features and Characteristics

- Accuracy of +/- .5% of Indicated Value in clockwise and counterclockwise directions 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 - provide excellent versatility.
- 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 providing better safety and efficiency.
- Torq-Tronics 2® is amazingly simple to operate!
- The memory stores up to 999 records that can be downloaded to Hyper-Terminal or terminal type program to create testing reports and data storage.
- Four line vacuum fluorescent display (VFD) is easy to read.
- Red/Green LED indicates whether a measurement is within the target torque value.
- Includes FREE certificate of calibration from our ISO/IEC 17025 Accredited Calibration Laboratory!

- Includes 110-220 VAC to 6 VDC screw-on power supply for security during power tool testing.
- Runs on four AA NiMH rechargeable batteries. Batteries sold separately.
 Industrial assembly tools use rechargeable batteries like this
- A quick charge unit for batteries is available.
- Need more information about batteries?
- Includes a free blow-molded plastic box for storage and transit.
- Power Tool mode has ten filters and will accurately test all clutch type and pulse tools.
- An anti-Static strap included with your TorqTronics 2 or System 8 is there to ensure limited electronic interference. One end of the strap is screwed into the power outlet where your test instrument is plugged in. The other end of the strap attaches to the base of your test instrument. This anti-static strap is an integral part of your calibration instrument operation and is required for operation.

Contact Your Local SR Sales Professional

Need Assistance? Worldwide call 1+847-957-9907



Sturtevant Richmond tools are proudly made in Carol Stream, Illinois by highly capable hands.



RELATED DOWNLOADS

Instructions

[857292E Nov 2017-
torqtronics2manual.pdf](#)

Articles / FAQ

[2020 Fall SR
Digital Cat
Shortest Dig
Round 2-
compressed.pdf](#)



RELATED MEDIA



**TorqTronics
2: Into
Overload
(1)**

RELATED PRODUCTS



System 8



VeriTorq®



**SLTC FM 2.4
GHz A3 Click
Wrenches**



PST-2000



**Knurl Grip
CCM
Micrometer
Adjustable
Click
Wrenches**



**Knurl Grip
SDR Series
Micrometer
Adjustable
Click Wrench**



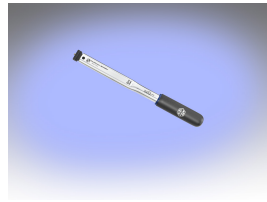
**Knurl Grip SD
Series
Micrometer
Adjustable
Click Wrench**



**LTCS Preset
Fixed Square
Drive Clicker-
Type Torque
Wrenches**



**LTCR Preset
Ratcheting
Clicker-Type
Torque
Wrenches**



**LTC Preset
Interchangeable
Head Clicker-
Type Torque
Wrenches**



**BLT
Bidirectional
Preset Click
Wrenches**



**Hardwired
Preset Clicker-
Type Torque
Wrench**



**Torque Tool
Manager 4.0
(TTM 4.0)**



**Rundown
Fixtures**



**Run Down
Fixture Repair
Kits**

Hours of operation Monday - Friday, 7:30 AM - 4
PM CST. **Contact us** today!

555 Kimberly Drive, Carol Stream, IL 60188

Toll-Free (855) 956-1418

customerservice@sr torque.com

HOME

TOOLS

ABOUT

RESOURCE BOX

CONTACT

