Please see our Wireless Tools Catalog and our Manual Tools Catalog for our other product offerings.
Welcome!

For more than seventy years we have built our torque tools solely to meet the demands of the industrial user. For decades Sturtevant Richmont tools have been used for critical assemblies on aircraft, cars, trucks, and off road equipment. Our customers demand accuracy, durability, reliability and innovation and because we provide that, our customers tend to stay with us long term.

More than seventy years ago P.A. Sturtevant introduced the original deflecting beam torque wrench and shortly thereafter Frank Livermont designed, manufactured and sold the first “clicker” type torque wrench. Their two companies were eventually bought and combined into one. The late John L. Reynertson, aware of the rich history and company potential, purchased Sturtevant Richmont and guided it through a very successful revival of innovation and a singular devotion to the manufacture of the highest quality torque products. The relentless focus on innovation and quality has resulted in a string of firsts in our industry. These include, fully automated torque testers, microprocessor based torque testers, utilization of software for hands free torque testing, ISO 9001 Registration, ISO/IEC 17025 Accreditation, supplying certificates of calibration with all tools and successful RF transmission of data within manufacturing facilities. With more than 70 torque related patents to our credit, we continue to develop more innovative tools and torque systems to help our customers.

Because our sole focus is on torque, we are the only independent full line torque products manufacturing company in the U.S. Unlike our competitors, torque is not a small part of what we are, it is everything we are. Because we spend a lot of time with customers in their offices and out on their shop floor we take a systems approach to your torque applications, which is unlike all others. Our sales force has the training and complete range of products to help you develop torque management systems to make your products and processes better. We do not “sell tools,” we provide solutions.

Over the last thirty-five years many things have changed at SR including products, processes, machinery and even the location but a headline from one of our earliest ads is as valid now as it was then. “Your quality is our business.”

As lean manufacturing has progressed and quality has emerged as a competitive advantage, demand for our tools has increased. We continually invest and innovate to create faster design to market times and more efficient production times. Our goal over the last 70+ years has not been to be the largest torque tool company. Our focus has always been to produce the highest quality torque products. You can buy other torque tools for less money, but you cannot buy better torque tools.

Sincerely

Raymond R. Reynertson
President & CEO

John L. Reynertson Jr.
Vice President Engineering

Donald J. Reynertson
Vice President of Sales

Global Reach... Local Support.

Worldwide Sales Representation
SR has trained and experienced representatives in 35 countries spanning six continents. This extensive network assures that you will receive the same level of service at virtually any manufacturing location you may develop or acquire.

24 x 7 Support via the Web
The SR website – www.srtorque.com – provides immediate support and answers to your questions, 24 hours a day, 7 days a week. We are continually upgrading and expanding the information on our products, applications and how to obtain the greatest possible return on your investment from SR products. From software to parts diagrams, product data to torque strategy options, the answers you seek will most likely be found at www.srtorque.com.

Our Quality is Your Assurance
In 1994 Sturtevant Richmont became the first torque tool manufacturer in the US to become ISO 9001 Certified. We were also the first to be ISO 17025 certified. In 2014 we were honored by UL for twenty (20) years of continuous certification. We are also an A2LA Pivot Lab, which means we validate the results and accuracy from the A2LA Reference Labs. These accreditations mean you can have the utmost confidence in the work we produce and the impact it has on your operation. https://www.a2la.org/

Corporate Headquarters
Located in Carol Stream, Illinois a western suburb of Chicago and in close proximity to O’Hare Airport we are able to provide our customers with the service so important for today’s business climate.

Worldwide: +1-847-655-8677
US Only Toll-Free: 1-800-877-1347
Fax: 1-847-455-0347
email: customerservice@srtorque.com
Fail Safe Engineering

You cannot tell if a calibration instrument is out of specification just by looking at it. It must be tested and recalibrated. But like torque tools, torque tool calibration instruments can be subject to unexpected forces that can take it out of specification. Unless you’ve verified that everything is working properly you could be creating mistakes instead of preventing them.

Sturtevant Richmont created the Torq-Tronics 2 and the System 8 digital torque testers to self-report to everyone when a transducer has been stretched to 120% of capacity and may be compromised.

Fail Safe Engineering takes the calibration instrument through eight steps to ensure that you can trace back to the event that may have taken the transducer out of calibration. The eight steps below illustrate how Sturtevant Richmont has once again engineered the impact of human influence out of the process.

What if your torque tester was just calibrated and then was pulled out of spec and you don’t know it? What are the chances the situation will be immediately discovered and resolved? If it isn’t, what is the impact on your quality and costs?

We design all our tools to reduce the effects of side load. But we don’t stop there. We surround our transducers with ball bearings to mitigate pressure influences other than the required 90 degree movement during usage or testing. These ball bearings mitigate pressure influences other than the 90 degree movement that is required for accurate testing, calibration, and usage. This innovation virtually eliminates the effects of side load on the measurements.

When a System 8 test/calibration unit is placed in an overtorque condition, 120% of capacity, etc., eight fail safe processes come into play until the unit has been checked and reset:

1. The Torque Indicator LED flashes red as long as power is supplied to the unit. The flashing stops only when the unit has been reset.
2. Track mode stops operating.
3. The OK/NG test result designators stop working.
4. The reports replace OK/NG with OV1 120% capacity. It no longer shows units of measure or the target torque range.
5. The top line of the display now reads OV 120% capacity. It no longer shows units of measure or the target torque range.
6. If System 8 main memory was set to off during the overload event, the secondary memory immediately turns on to capture data and report results. The secondary memory cannot be erased.
7. If the main memory was on during the overload event and a worker tries to erase the overload event, the display says “See Supervisor 120% of Capacity.”
8. If the System 8 is turned off the Torque Indicator LED stops flashing. As soon as power is supplied, the LED begins flashing again. The overload event is called up to the display so you know exactly what happened.

A supervisor can access the unit through Hyper-Terminal or Sturtevant Richmonts Torque Tool Manager 4 software program and can reset the unit with a few key strokes.

Although our transducers are engineered for strength and designed for durability we strongly recommend that when a transducer has been put in a 120% of capacity event, have the transducer tested prior to bringing it back on line.

Ensuring that the tools used to apply torque and those used for auditing have been properly calibrated and remain in calibration is the foundation of every torque program. “Best practice” for today’s programs includes a two-step system of certifying and regularly checking each tool.

The second step is the regular checking of tools, usually performed by the user of the tool. The tester used for this purpose would require simplicity of operation, ease of use and be readily accessible. Not surprisingly cost and durability are significant factors when purchasing testers for this application. Torq-Tronics and VeriTorq have been designed to meet the needs of this user and the purchasing department.

If you are not sure of the calibration system you need after reviewing the following section, please visit our website at www.srtorque.com or call us at 1-800-877-1347 or worldwide at +1-847-455-8677.

We Strive to Engineer Human Influence Out of the Equation

Even the world’s best torque tools are subject to human influence. A jerking pull rather than a slower, steady pull can change the wrench output at the fastener. Side loading is putting pressure on a wrench in any direction other than the 90 degree angle pull that is required. Whether it occurs during usage in the shop or during testing, side loading creates variability and increases errors.

Our engineers have placed ball bearings to mitigate pressure influences other than the required 90 degree movement during usage or testing. These ball bearings mitigate pressure influences other than the 90 degree movement that is required for accurate testing, calibration, and usage. This innovation virtually eliminates the effects of side load on the measurements.

The first step in a “Best Practice” system is certifying tools, which would typically require test equipment of the highest accuracy and the use of mechanical loaders. Often the capability of testing a wide range of tools is necessary. The use of multiple sensors with a single test device, such as the System 8 with a mechanical loader, is generally the most cost-effective alternative for certifying tools.

How Often Should I Calibrate

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How Often Should I Calibrate
The SYSTEM 8 Digital Torque Tester is much more than a torque calibration unit that is accurate to +/- .25% of Indicated Value from 10% to 100% of capacity. It is a well-designed system engineered to turn uncertainties into certainties with:
• A wide working range from 2.5 inch oz to 2000 ft. lbs.
• Floating decimal point, 6 digit display is easy to read
• Highly visible display with 6 digit floating decimal point provides superior resolution.
• Fail Safe Engineering over capacity and alert tracking.
• Greater accuracy and durability with simplicity and ease of operation
• Selectable operation modes for testing all but impact tools.

Like all Sturtevant Richmont products, the System 8 meets or exceeds the following standards:
• ASME B107.300 - 2010 Electronic Tester, Hand Torque Tools
• ISO 5393 Rotary tools for threaded fasteners - products 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

System 8® display has a floating point decimal resolution showing six digits throughout. Combine that with an accuracy of 0.25% [indicated value] from 10% to 100% and System 8 capabilities give you control of your torque testing program.

The new System 8® 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.

System 8® Features and Characteristics
• 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.
• 999 records that can be downloaded
• Works with Torque Tool Manager 4 for calibration/documentation.
• 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 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.

Ordering Information

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10600</td>
<td>System 8</td>
<td>System 8 Digital Torque Tester</td>
</tr>
<tr>
<td>10601</td>
<td>Transducer Switch Module</td>
<td>Transducer Switch Module</td>
</tr>
</tbody>
</table>

Includes FREE certification from our ISO/IEC 17025 Accredited calibration laboratory!
Static Transducers

Sturtevant Richmont is proud of our flexible transducers for the System 8 and our legacy System 4/5/6—with the legendary Sturtevant Richmont quality built in!

Sturtevant Richmont transducers now come in four designs, two flanged designs for those with existing systems that are expanding their line or using an SR Mechanical Loader, a Quick Connect design for use with our 1000 and 2000 pound capacity Mechanical Loaders, and a new “L” design that incorporates its own mounting bracket for rapid horizontal or vertical mounting.

TT-Series Transducers
- Traditional SR hex flange style
- Can be mounted to ML 250 and ML 600 Mechanical Loaders.
- Can be mounted to Quad Plate for multiple mounting on ML 250.
- Requires detachable cable P/N 10293. (Except TT 250, 1000 and 2000 Series)
- Smaller sizes (up to 400 in. lbs. capacity) can be mounted to SSMB, STAB, or UMB brackets. Larger sizes (500 ft. lbs. and above) can be mounted on UMB-L bracket.

TT-QC Series Transducers
- Quick Connect System
- Can be mounted to ML 1000 and ML 2000 Mechanical Loaders.
- Removal of adapter plate permits use with ML 250 (250 ft. lbs. capacity and below).
- Can be mounted to ML 1000 and ML 2000 Mechanical Loaders. TT-QC 1000 and 2000 Series can also be used with ML 1000 and ML 2000 and feature permanently attached cables.

TT-L Series Transducers
- Built-in L-bracket for mounting vertically or horizontally.
- Requires detachable cable P/N 10293.
- Mounting holes drilled for 5/16” bolts, 3.25” on center.

TT-Series Transducers

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Part No.</th>
<th>Model</th>
<th>Drive</th>
<th>Torque Range</th>
<th>cNm</th>
<th>kgf. Cm</th>
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<tbody>
<tr>
<td>100000*</td>
<td>TT 250</td>
<td>10211*</td>
<td>TT-QC 250</td>
<td>.25&quot; Hex Male</td>
<td>2.5-25</td>
<td>0.161-1.6</td>
<td>17.7-177</td>
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<td>10285</td>
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<td>10300</td>
<td>TT-QC 1/2&quot;</td>
<td>.25&quot; Hex Male</td>
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<td>11.3-113</td>
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<td>10286</td>
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<td>TT-QC 1/2&quot;</td>
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<td>4-4</td>
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<td>10287</td>
<td>TT 10&quot;</td>
<td>10302</td>
<td>TT-QC 10&quot;</td>
<td>.375&quot; Hex Male</td>
<td>10-100</td>
<td>8.3-8.3</td>
<td>11.3-11.3</td>
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<td>TT 30&quot;</td>
<td>10303</td>
<td>TT-QC 30&quot;</td>
<td>.375&quot; Hex Male</td>
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<td>2.5-25</td>
<td>3.4-34</td>
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<td>10289</td>
<td>TT 80&quot;</td>
<td>10304</td>
<td>TT-QC 80&quot;</td>
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<td>8-80</td>
<td>10.8-108.5</td>
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<td>10290</td>
<td>TT 150&quot;</td>
<td>10305</td>
<td>TT-QC 150&quot;</td>
<td>.375&quot; Square Female</td>
<td>150-150</td>
<td>20-3.2</td>
<td>207.4-207.8</td>
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<td>10291</td>
<td>TT 200&quot;</td>
<td>10306</td>
<td>TT-QC 200&quot;</td>
<td>.375&quot; Square Female</td>
<td>200-200</td>
<td>25-25</td>
<td>34.34-344</td>
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<td>10292</td>
<td>TT 500&quot;</td>
<td>10307</td>
<td>TT-QC 500&quot;</td>
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TT-Series Transducers (continued)

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<tr>
<th>Part No.</th>
<th>Model</th>
<th>Part No.</th>
<th>Model</th>
<th>Drive</th>
<th>Torque Range</th>
<th>cNm</th>
<th>kgf. Cm</th>
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<tr>
<td>10295</td>
<td>RDF 250</td>
<td>10356</td>
<td>RDF 109</td>
<td>.75&quot; M Square</td>
<td>250 lb./338 Nm</td>
<td>109 Nm/960 in.lb.</td>
<td>109 Nm/960 in.lb.</td>
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<tr>
<td>10296</td>
<td>RDF 68</td>
<td>10355</td>
<td>RDF 68</td>
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<td>68 Nm/600 in.lb.</td>
<td>68 Nm/600 in.lb.</td>
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<tr>
<td>10297</td>
<td>RDF 34</td>
<td>10354</td>
<td>RDF 34</td>
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<td>34 Nm/300 in.lb.</td>
<td>34 Nm/300 in.lb.</td>
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<tr>
<td>10298</td>
<td>RDF 17</td>
<td>10353</td>
<td>RDF 17</td>
<td>.375&quot; F Hex</td>
<td>17 Nm/150 in.lb.</td>
<td>17 Nm/150 in.lb.</td>
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<tr>
<td>10299</td>
<td>RDF 8</td>
<td>10352</td>
<td>RDF 8</td>
<td>.25&quot; F Hex</td>
<td>8 Nm/60 in.lb.</td>
<td>8 Nm/60 in.lb.</td>
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</table>

TT-QC Series Transducers

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Part No.</th>
<th>Model</th>
<th>Drive</th>
<th>Torque Range</th>
<th>cNm</th>
<th>kgf. Cm</th>
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<tr>
<td>10160</td>
<td>ML 250</td>
<td>10208</td>
<td>Lg. Cart</td>
<td>.75&quot; M Square</td>
<td>250 lb./338 Nm</td>
<td>250 lb./338 Nm</td>
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<tr>
<td>10161</td>
<td>Std. Cart</td>
<td>10209</td>
<td>Lg. Cart</td>
<td>.5&quot; M Square</td>
<td>250 lb./338 Nm</td>
<td>250 lb./338 Nm</td>
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TT-L Series Transducers

<table>
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<tr>
<th>Part No.</th>
<th>Model</th>
<th>Part No.</th>
<th>Model</th>
<th>Drive</th>
<th>Torque Range</th>
<th>cNm</th>
<th>kgf. Cm</th>
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</thead>
<tbody>
<tr>
<td>10167</td>
<td>ML 1000</td>
<td>10308</td>
<td>Quad Plate</td>
<td>.25&quot; M Square</td>
<td>1000 lb./1355 Nm</td>
<td>1000 lb./1355 Nm</td>
<td></td>
</tr>
</tbody>
</table>

Mechanical Loaders & Tester Accessories

A mechanical loader is the perfect accessory to increase the repeatability and productivity of the System 8 or legacy System 4/5/6. The drive system for each loader assures 90 degree load application, reducing operator-induced test error. The loaders’ mechanical advantage reduces the operator effort required to attain and sustain torque during the calibration process. The QC Series transducers include adapter plates for use with the ML 1000 and ML 2000 loaders, and make changeover a matter of seconds. SR mechanical loaders meet or exceed requirements for ASME B107.29M Type 1 loaders. The Quad Plate permits mounting up to four transducers to the ML 250 or ML 600 to facilitate changeover. When coupled with the Transducer Switch Module both mechanical and electrical changeover can be accomplished in seconds!

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10167</td>
<td>ML 1000</td>
<td>Mechanical Loader, 1000 lb./1355 Nm capacity</td>
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<tr>
<td>10168</td>
<td>ML 2000</td>
<td>Mechanical Loader, 2000 lb./2770 Nm capacity</td>
</tr>
<tr>
<td>10169</td>
<td>ML 250</td>
<td>Mechanical Loader, 250 lb./338 Nm capacity</td>
</tr>
<tr>
<td>10208</td>
<td>Lg. Cart</td>
<td>Roller Cart for ML 1000, 30&quot; x 30&quot; x 30&quot;</td>
</tr>
<tr>
<td>10209</td>
<td>Std. Cart</td>
<td>Roller Cart for ML 250, 24&quot; x 24&quot; x 24&quot;</td>
</tr>
</tbody>
</table>

We supply the weights, arms, wheels, and levers for the top calibration professionals. To known uncertainty budget, we can provide you weights corrected for your specific gravity. For more information see our website, the Newton Metre channel on YouTube, or worldwide please call: +1-847-455-8677 to schedule your free consultation.

Rundown Fixtures

Rundown fixtures are designed to assist in testing the output of pulse, stall and clutch power tools. This is accomplished by allowing the tool to achieve rotational speed prior to torque measurement. The rundown fixtures all come with the components to emulate either a hard or medium joint, thus assuring greater test accuracy. Rundown fixtures may be used with the System 8, Torq-Tronics 2 or our legacy System 4/5/6 and Torq-Tronics series testers.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10349</td>
<td>RDF 1 Nm</td>
<td>Rundown Fixture, 1 Nm/10 in lb. capacity, 25° F Hex</td>
</tr>
<tr>
<td>10350</td>
<td>RDF 3 Nm</td>
<td>Rundown Fixture, 3 Nm/25 in lb. capacity, 25° F Hex</td>
</tr>
<tr>
<td>10351</td>
<td>RDF 6 Nm</td>
<td>Rundown Fixture, 6 Nm/50 in lb. capacity, 25° F Hex</td>
</tr>
<tr>
<td>10352</td>
<td>RDF 17 Nm</td>
<td>Rundown Fixture, 17 Nm/150 in lb. capacity, 37.5° F Hex</td>
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<tr>
<td>10353</td>
<td>RDF 34 Nm</td>
<td>Rundown Fixture, 34 Nm/300 in lb. capacity, 37.5° F Hex</td>
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<tr>
<td>10354</td>
<td>RDF 68 Nm</td>
<td>Rundown Fixture, 68 Nm/600 in lb. capacity, 5° M Square</td>
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<tr>
<td>10355</td>
<td>RDF 126 Nm</td>
<td>Rundown Fixture, 126 Nm/960 in lb. capacity, 5° M Square</td>
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<tr>
<td>10356</td>
<td>RDF 204 Nm</td>
<td>Rundown Fixture, 204 Nm/1800 in lb. capacity, 5° M Square</td>
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<td>10357</td>
<td>RDF 339 Nm</td>
<td>Rundown Fixture, 339 Nm/3000 in lb. capacity, 75° M Square</td>
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<tr>
<td>10358</td>
<td>RDF 675 Nm</td>
<td>Rundown Fixture, 675 Nm/6000 in lb. capacity, 75° M Square</td>
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<tr>
<td>10295</td>
<td>RDF 250</td>
<td>Rundown Fixture, 250 ft. lbs. capacity, 75° M Square</td>
</tr>
</tbody>
</table>

*Cable included: All other transducers require additional cable (P/N 10293).*
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® 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 Richmont 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.
- ISO 1774-2 Assembly Tools for Bolts and Screws – Driving Squares for power socket tools

Torq-Tronics 2® 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 NIHM 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.

Ordering Information

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<tbody>
<tr>
<td>10691</td>
<td>Torq-Tronics 2 10I</td>
<td>Digital Torque Tester 1 Nm / 10 in.lb</td>
<td>¼&quot;M Hex</td>
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<tr>
<td>10692</td>
<td>Torq-Tronics 2 50I</td>
<td>Digital Torque Tester 6 Nm / 50 in.lb</td>
<td>¼&quot;M Hex</td>
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<tr>
<td>10693</td>
<td>Torq-Tronics 2 100I</td>
<td>Digital Torque Tester 12 Nm / 100 in.lb</td>
<td>3/8&quot;M Hex</td>
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<tr>
<td>10694</td>
<td>Torq-Tronics 2 300I</td>
<td>Digital Torque Tester 34 Nm / 300 in.lb</td>
<td>3/8&quot;M Hex</td>
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<tr>
<td>10695*</td>
<td>Torq-Tronics 2 80</td>
<td>Digital Torque Tester 109Nm / 80 ft lb</td>
<td>½&quot;F Sq.</td>
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<tr>
<td>10696*</td>
<td>Torq-Tronics 2 150</td>
<td>Digital Torque Tester 201 Nm / 150 ft lbs</td>
<td>½&quot;F Sq.</td>
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<tr>
<td>10697**</td>
<td>Torq-Tronics 2 250</td>
<td>Digital Torque Tester 339 Nm / 250 ft lbs</td>
<td>3/4&quot;F Sq.</td>
</tr>
<tr>
<td>10698**</td>
<td>Torq-Tronics 2 600</td>
<td>Digital Torque Tester 814 Nm / 600 ft lbs</td>
<td>3/4&quot;F Sq.</td>
</tr>
</tbody>
</table>

*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

Options and Accessories

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>870776</td>
<td>Adapter, 25&quot; F</td>
<td>Adapter, 25&quot; Female Square to .375&quot; Male Square</td>
</tr>
<tr>
<td>870777</td>
<td>Adapter, 375 F</td>
<td>Adapter, .375&quot; Female Square to .5&quot; Male Square</td>
</tr>
<tr>
<td>870778</td>
<td>Adapter, 5&quot; F</td>
<td>Adapter, .5&quot; Female Square to .75&quot; Male Square</td>
</tr>
<tr>
<td>816261</td>
<td>4 AA NIHM Batteries</td>
<td>4-pack, AA 2300 mAH rechargeable NIHM batteries</td>
</tr>
<tr>
<td>21259</td>
<td>Battery Quick Charge Unit</td>
<td>AC powered external battery charging unit includes 4-pack of AA 2300 mAH rechargeable NIHM batteries</td>
</tr>
<tr>
<td>10599</td>
<td>TTM 4.0</td>
<td>Torque Tool Manager Software</td>
</tr>
<tr>
<td>10230</td>
<td>Bracket, Single Stand</td>
<td>Single Stand, holds one Torq-Tronics upright</td>
</tr>
<tr>
<td>10231</td>
<td>Bracket, Dual Stand</td>
<td>Dual Stand, holds two Torq-Tronics units upright</td>
</tr>
</tbody>
</table>

Includes FREE certification from our ISO/IEC 17025 Accredited calibration laboratory.

See page 5 for Rundown fixtures for power tool testing.
VeriTorq® brings accurate torque wrench testing to the “That can save me money!” level - for companies large and small.

VeriTorq® is a ± 1% I.V. digital torque wrench tester suitable for calibrating all clicker and camover-type torque wrenches, and torque screwdrivers as well. It can also test beam, dial, and digital torque wrenches!

If you have 10 or more torque wrenches that you send out for calibration - whether to the manufacturer or an independent laboratory - you can now bring those calibrations in-house and turn expense to profit! VeriTorq® is so simple to use and so affordable that it can even be put at the assembly line for use at the start of each shift.

How simple? Perhaps 1.5 minutes to install. Maybe another 1.5 minutes to learn to use. You could have your first two torque wrenches calibrated within an hour of opening the box!

And talk about return on investment! If you have as few as 10 torque wrenches that you calibrate twice a year, and you spend $75.00 per tool per calibration (including shipping both ways), your VeriTorq® may pay for itself in less than a year.

It’s time to increase your profits and reduce your overhead!

Features
• Three modes of operation: Track, Peak, and Clicker (Initial Peak).
• Clockwise and counter-clockwise test capability.
• +/- 1% Indicated Value Accuracy from 10% to 100% of capacity.
• Units of measure include English, Standard International, and metric.
• Integral “L” bracket for horizontal or vertical mounting.
• Electronics Module rotates in two planes.
• Large LCD displays settings and values.
• Serial port for immediate or batch data transfer.
• Four button control panel.
• Meets or exceeds ASME B 107.29M.
• FREE ISO/IEC 17025 long-form certification!
• Made in USA by ISO 9001 manufacturer!
• Rugged protective case and power supply included.

Benefits
• Allows daily checking of tools and instant resolution in event of a question.
• Savings in calibration fees can pay for tester in less than a year.
• Reduces downtime and saves money by eliminating unneeded calibrations.
• Perfect for testing clicker and camover torque wrenches and torque screwdrivers.
• Serial output for use with terminal program.
• Large LCD and rotating Electronics Module make it easy to read regardless of wrench length or technician height.
• Multiple Units of Measure to accommodate a wide range of tools.
• Very easily programmed via the four buttons on the Electronics Module.

VeriTorq® Digital Tester Series

VeriTorq® Digital Torque Tester

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Drive Size</th>
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</thead>
<tbody>
<tr>
<td>10363</td>
<td>VeriTorq®  6 Nm/50 in.lbs.- 120 VAC</td>
<td>.25” Male Hex</td>
</tr>
<tr>
<td>10364</td>
<td>VeriTorq® 12 Nm/100 in.lbs.- 120 VAC</td>
<td>.375” Male Hex</td>
</tr>
<tr>
<td>10365</td>
<td>VeriTorq® 34 Nm/300 in.lbs.- 120 VAC</td>
<td>.375” Male Hex</td>
</tr>
<tr>
<td>10366</td>
<td>VeriTorq® 109 Nm/80 ft.lbs.- 120 VAC</td>
<td>.5” Female Square*</td>
</tr>
<tr>
<td>10367</td>
<td>VeriTorq® 201 Nm/150 ft.lbs.- 120 VAC</td>
<td>.5” Female Square*</td>
</tr>
<tr>
<td>10368</td>
<td>VeriTorq® 339 Nm/250 ft.lbs.- 120 VAC</td>
<td>.5” Female Square*</td>
</tr>
<tr>
<td>10369</td>
<td>VeriTorq® 814 Nm/600 ft.lbs.- 120 VAC</td>
<td>.75” Female Square**</td>
</tr>
<tr>
<td>10372</td>
<td>VeriTorq® 6 Nm/50 in.lbs.- 240 VAC</td>
<td>.25” Male Hex</td>
</tr>
<tr>
<td>10373</td>
<td>VeriTorq® 12 Nm/100 in.lbs.- 240 VAC</td>
<td>.375” Male Hex</td>
</tr>
<tr>
<td>10374</td>
<td>VeriTorq® 34 Nm/300 in.lbs.- 240 VAC</td>
<td>.375” Male Hex</td>
</tr>
<tr>
<td>10375</td>
<td>VeriTorq® 109 Nm/80 ft.lbs.- 240 VAC</td>
<td>.5” Female Square*</td>
</tr>
<tr>
<td>10376</td>
<td>VeriTorq® 201 Nm/150 ft.lbs.- 240 VAC</td>
<td>.5” Female Square*</td>
</tr>
<tr>
<td>10377</td>
<td>VeriTorq® 339 Nm/250 ft.lbs.- 240 VAC</td>
<td>.5” Female Square*</td>
</tr>
<tr>
<td>10378</td>
<td>VeriTorq® 814 Nm/600 ft.lbs.- 240 VAC</td>
<td>.75” Female Square**</td>
</tr>
</tbody>
</table>

* Includes .5” M Square to .375” F Square Adapter
** Includes .75” M Square to .5” F Square and .5” M Square to .375” F Square adapters.

Accurate torque wrench testing at a very affordable price!
How often should I calibrate torque tools?
Finally—an answer that works!

The Problem
You run a tight operation. There is no room for error. Your torque wrenches are all marked with date of last and next calibration, who did the work, certificate number, wrench output. You log the calibration history for each and every wrench. Wrenches are also marked with the workstation number and the specific job to which they are assigned. That covers everything right? Almost. A wrench that was recently calibrated may have 6 months before it sees the calibration lab again. When that wrench is sent for calibration, one of two things will happen: and both of them are bad. 1. You find out that the wrench is out of spec BEFORE a shift, so it doesn’t go out on the floor until it has been calibrated. And, when it does go out of spec you know the calibration interval, who uses the wrench and the rest of the information you need, so you can perform a root cause analysis of the problem. Is it the tools? Is it the user? Is it a training issue? Is it a performance issue? You won’t know until you set up your own daily verification program. Daily verification of all torque tools is a widely acknowledged best practice if you do it properly. For your daily verification program covering those tools with +/- 2% accuracy we suggest the Torq-Tronics 2 digital torque verification and calibration unit. For the price of a verification unit you can verify all your torque tools with the exception of digital torque wrenches. Impact tools are never used on a Torq-Tronics 2. For daily testing of digital torque wrenches we recommend the System 8 because it has +/- 25% accuracy. By the way, if you are going to run your own tool verification program, please avoid THE most common torque verification and testing mistake in the world – not exercising the wrenches at least 3 times prior to verification. See our video series on all the torque testing mistakes on the Newton Meter channel on YouTube. For more help in setting up your daily torque tool testing program contact your Sturtevant Richmont sales professional.

Was it thrown across the room? Was it poorly built? Was it close to the life cycle expiration? You don’t know. The calibration process only gives you “As Found” and “As Left” it does not give you why, how, or when. Now comes the job of tracing and finding the work that was done by that wrench to see what conforms and what doesn’t. If you don’t find the mistakes that came as a result of an out of calibration torque wrench, don’t worry; your customers will find them for you. Wouldn’t you rather prevent the budget headache that comes with tracing work that wasn’t done to spec?

The Solution: Torque Tool Daily Verification
Now you know a wrench is out of spec. BEFORE a shift, so it doesn’t go out on the floor until it has been calibrated. And, when it does go out of spec you know the calibration interval, who uses the wrench and the rest of the information you need, so you can perform a root cause analysis of the problem. Is it the tools? Is it the user? Is it a training issue? Is it a performance issue? You won’t know until you set up your own daily verification program. Daily verification of all torque tools is a widely acknowledged best practice if you do it properly. For your daily verification program covering those tools with +/- 2% accuracy we suggest the Torq-Tronics 2 digital torque verification and calibration unit. For the price of a verification unit you can verify all your torque tools with the exception of digital torque wrenches. Impact tools are never used on a Torq-Tronics 2. For daily testing of digital torque wrenches we recommend the System 8 because it has +/- 25% accuracy. By the way, if you are going to run your own tool verification program, please avoid THE most common torque verification and testing mistake in the world – not exercising the wrenches at least 3 times prior to verification. See our video series on all the torque testing mistakes on the Newton Meter channel on YouTube. For more help in setting up your daily torque tool testing program contact your Sturtevant Richmont sales professional.

SR Product Warranties
Warranty
Sturtevant Richmont Division of Ryeson Corporation warrants all products in this catalog against defective material and workmanship for the periods given in the table. Upon inspection, Sturtevant Richmont shall have the option to repair or replace the defective product and such repair or replacement, free of charge, shall be the Customer’s sole and exclusive remedy. Sturtevant Richmont Division of Ryeson Corporation furnishes this limited warranty in lieu of all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. Any and all warranties shall be void as to products damaged or rendered unserviceable while in the custody of the customer or third parties. This includes but is not limited to negligence, misuse, modification, repair or alteration of the product.

Please note: Use only NiMH 1.25 volt rechargeable batteries in your test instruments. Using 1.5 volt alkaline disposable batteries will damage your test instrument/ calibration instrument and VOID your warranty.

Product Family
Warranty Duration (from date of purchase)

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Warranty Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torque Transducers</td>
<td>1 year</td>
</tr>
<tr>
<td>Torque Testers</td>
<td>1 year</td>
</tr>
<tr>
<td>Mechanical Loading Systems</td>
<td>5 years</td>
</tr>
<tr>
<td>Calibration Arms</td>
<td>5 years</td>
</tr>
<tr>
<td>Load Platforms, Weights</td>
<td>5 years</td>
</tr>
<tr>
<td>Other software</td>
<td>90 days</td>
</tr>
<tr>
<td>All other products</td>
<td>1 year</td>
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</tbody>
</table>

Liability
Sturtevant Richmont Division of Ryeson Corporation shall have the option to repair or replace the defective product and such repair or replacement, free of charge, shall be the Customer’s sole and exclusive remedy. Sturtevant Richmont Division of Ryeson Corporation furnishes this limited warranty in lieu of all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. Any and all warranties shall be void as to products damaged or rendered unserviceable while in the custody of the customer or third parties. This includes but is not limited to negligence, misuse, modification, repair or alteration of the product.

General Information
Certification
All SR torque testers, torque wrenches (except dial wrenches and preset tools) and torque screwdrivers are certified to our ISO/IEC 17025:2005 A2LA accredited laboratories. Below is a flow chart depicting SR traceability to the National Institute of Standards and Testing (N.I.S.T.) which has reciprocity with all major standards bodies.

Specifications and Dimensions
All specifications and dimensions contained in this catalog are subject to change without notice. Please contact the factory for the latest information.

Safety
The following precautions should always be taken when using any hand tool to avoid possible injury:

- Be sure wrench or socket is properly seated on the nut prior to applying torque.
- A “cheater bar” should never be used on a torque wrench to apply excess leverage.
- Firm footing and proper position are both extremely important when applying torque.

For extensive information on the safe use of hand tools and for safety programs visit www.hti.org.

Organizations
SR is a member of ISA the Industrial Supply Association and HTI the Hand Tool Institute.
For more information on this or other Sturtevant Richmont products, please contact: