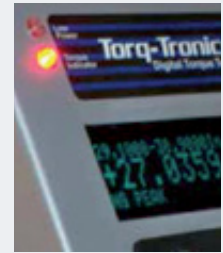# Torque Tester – Torq-Tronics® 2

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.

Digital Torque Tester with Fail Safe Engineering

Sturtevant Richmont invented the first torque analyzers and torque testers. Those inventions shaped both the manufacturing and the torque tool industry. The TT2 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 spec.
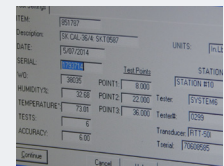
This is the only digital torque tester with fail safe engineering! What good is testing torque tools with a tester that could be out of spec and you don't know it? Torq-Tronics 2 solves this long standing challenge.

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. Torq-Tronics 2 has an LED that flashes red to alert you to the problem. It doesn't stop until you reset the unit. The display also tells you the unit has been stretched over capacity.

Torq-Tronics 2 captures the over capacity data even if the memory was turned off. If memory was turned on and the unit is pulled over 120% capacity and a worker tries to erase the memory to stop the LED from flashing, the display tells the worker to "See Supervisor 120% Over Capacity".

TT2 reporting identifies all tests completed between overload and reset. Every aspect of the torque tool testing process has been engineered to fail safe specifications to protect your quality and your reputation. No other torque tester on the market does this.

▶ Accuracy ± 0.5% of indicated value from 10-100% of rated capacity.

▶ Meets or exceeds ASME B107.300-2010, ASME B107.4M, ISO 5393, ISO 1773, ISO 1774-2 and EN ISO 6789.

▶ Tests in both directions – CW/CCW.

▶ Floating decimal point, 6 digit display is easy to read.

▶ Four modes of operation – Track, Peak, Initial Peak and Power Tool – provide excellent versatility.

▶ Runs on four AA NiMH rechargeable batteries. Quick charge unit is available.

▶ Memory stores up to 999 records that can be downloaded to hyperterminal/terminal program 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.

▶ Includes Power Supply Unit, Blow Molded Plastic Box, Quick Start Guide and free ISO/IEC 17025 Calibration Cert.

Optional: Torque Tool Manager TTM.

Optional: Square Adapters in misc sizes.

Optional: Rundown Fixtures (RDF) up to 340 Nm.

Torq-Tronics® 2

Model	Item No.	Torque Range				Graduation				Hex inch	SqD inch	Weight kg
		lbf·in	lbf·ft	kgf·cm	N·m	lbf·in	lbf·ft	kgf·cm	N·m			
TT2-10i *	R10691	1 - 10	–	1.15 - 11.5	0.13 - 1.13	0.01	–	0.01	0.001	1/4 m	–	n. a.
TT2-50i *	R10692	5 - 50	–	5.76 - 57.6	0.56 - 5.65	0.04	–	0.04	0.004	1/4 m	–	n. a.
TT2-100i *	R10693	10 - 100	–	11.5 - 115	1.13 - 11.3	0.07	–	0.1	0.01	3/8 m	–	n. a.
TT2-300i *	R10694	30 - 300	2.5 - 25	34.5 - 345	3.39 - 33.9	0.22	0.02	0.3	0.03	3/8 m	–	n. a.
TT2-80 **	R10695	96 - 960	8 - 80	110 - 1106	11 - 108	0.7	0.06	1	0.08	–	1/2 f	n. a.
TT2-150 **	R10696	180 - 1800	15 - 150	207 - 2074	20 - 203	1	0.11	2	0.1	–	1/2 f	n. a.
TT2-250 **	R10697	300 - 3000	25 - 250	345 - 3456	34 - 339	2	0.18	3	0.3	–	1/2 f	n. a.
TT2-600 **	R10698	720 - 7200	60 - 600	829 - 8295	81 - 813	5	0.4	6	0.6	–	3/4 f	n. a.

* Horizontal Shape
** Vertical Shape

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www.zemo-tools.de

Further information available on our website – 24/7.