

Digital Torque Tester – System 8®



Option: 4-way Transducer Switch Module (TSM)

Option: Static Torque Transducers



Secure connection via 19-pin Amphenol connector

High accuracy torque tester with fail-safe engineering

The new System 8 is the most accurate 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? System 8 solves this long standing challenge. Like all Sturtevant Richmond tools it is built for accuracy and durability.

The System 8 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. The ten (10) filters for testing impulse tools expand your control and achieves greater accuracy during testing.

System 8 allows you to set a target torque value and establish a percent of accuracy to meet the standards required for the tool that is being tested. When downloading the test results the nominal (target) torque value is displayed, along with the actual torque value, direction of torque, unit of measure, mode of operation, OK/NOK status, System 8 serial number, date/time stamp. The information is supplied as a CSV file for easy export to Excel or other database software programs.

System 8 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.

System 8 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.

System 8 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".

System 8 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.

Because you configure the Sturtevant Richmond System 8 to your specific needs calibration range flexibility is at your fingertips. The Transducer Switch Module allows you to immediately change to a different transducer without having to dismount, mount, and wire a transducer to create a new range of torque values. System 8, Transducer Switch Module, and transducers are sold separately so you can design your own system and only buy what you need.

- ▶ Accuracy $\pm 0.25\%$ of indicated value.
- ▶ Meets or exceeds ASME B107.300-2010, ASME B107.4M (except impact tools), ISO 5393, ISO 1773 and ISO 1774-2.
- ▶ 4 modes of operation: Track, Peak, Initial Peak, and Power Tool.
- ▶ Power Tool mode has 10 frequency filters.
- ▶ Simply to operate via 8 buttons.
- ▶ Easy-to-read four-line vacuum fluorescent display (VFD).
- ▶ Red/Green LED indicates torque status.
- ▶ Overload (120% of capacity) warning.
- ▶ Runs on four AA 1.2V NiMH rechargeable batteries.
- ▶ Memory stores up to 999 records.
- ▶ RS232 interface (3.5 mm Jack) for data export to computer.
- ▶ Incl. plastic box, op. manual, PSU, calibration cert from SR's ISO/IEC 17025 Accredited Calibration Laboratory.



Option: Rundown Fixtures (RDF) up to 340 Nm



Option: PC software Torque Tool Manager

DTT System 8®

Model	Item No.	Description	Accuracy %	Resolution (digits)	Signal:Noise dB	Weight kg
DTT System 8	R10600	Torque tester with vacuum fluorescent display (VFD)	0.25	6	n. a.	n. a.
TSM-4	R10601	Manual switch box for connecting up to 4 (four) transducers	–	–	–	n. a.

