

TEST THE HEALTH OF YOUR TORQUE WRENCHES - ANYWHERE

Utilizing the testing protocol and standards developed by the American Society of Mechanical Engineers (ASME)

The CDI Digital Torque Tester™ (DTT) is designed to be an affordable torque tester that can be mounted on a wall or used in a bench-top vise to allow the operator to conveniently test torque wrenches and torque screwdrivers. It features an easy to use touch pad screen to capture peak torque values during a test in real time, and download stored torque data to a PC. All DTT torque testers are sold in a kit with the complete tester, hard carrying case, two socket driver reducer adapters and AC/DC power supply.

CDI Torque Products is America's largest manufacturer of electronic and mechanical Torque Tools. A leading industry innovator for over 30 years, CDI provides the highest in quality torque measurement and torque limiting devices.

FEATURES

- Integral Transducer and sturdy housing allow mounting in virtually any position
- Integral Transducer: Full bridge strain gage, 350 ohm, 1500uE, 3mV/V F.S, 3.75 excitation.
- Units of Torque: Nm, kgcm, ft.lb., in.lb., in-oz.
- Audible (tone)
- Torque Accuracy: $\pm 0.5\% \pm 1$ count CW and CCW from 10 to 100% of full scale at 25° C
- LCD Touch Screen: 4.7 in. color graphics display
- Screen resolution: 480 X 272 pixels
- Display Accuracy: 4 digits, 9999 cycle counts
- Six "AA" Alkaline cells for battery power included
- Track, Peak and First Peak modes of operation
- Operating Temperature: 40 to 110° F (5 to 42° C)
- Storage Temperature: 0 to 122° F (-20 to 50° C)
- Humidity up to 85% non-condensing
- EU/CE-DE, ES, FR, IT, NL, PT, UK and Japanese language manual
- ISO-6789-2003 and ASME B107-28-2005 standards compliant
- Certificate of N.I.S.T. traceability from 10% to 100% of full scale
- Includes storage case, AC adapter and USB cable

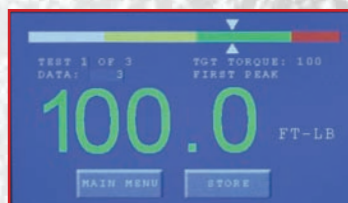
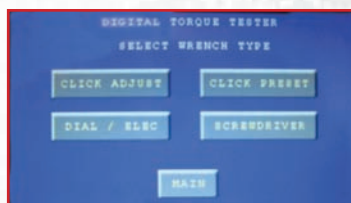
*21st Century
Technology*



**CDI TORQUE
PRODUCTS**
A Snap-on Specialty Tools Brand

DIGITAL TORQUE TESTER™ SCREEN CYCLE

Sequential Process



American Society of Mechanical Engineers (ASME) Emulation test of 20% / 60% / 100%

| TIME | DATE | OPERATOR ID | WRENCH S/N | ACT TORQUE | TGT TORQUE | ERR(%) | UNITS |
|----------|----------|-------------|------------|------------|------------|--------|-------|
| 11:18:41 | 11/12/09 | store 321 | 12342009 | 40.34 | 40 | 0.84 | FT-LB |
| 11:18:44 | 11/12/09 | store 321 | 12342009 | 41.01 | 40 | 2.52 | FT-LB |
| 11:18:47 | 11/12/09 | store 321 | 12342009 | 40.35 | 40 | 0.88 | FT-LB |
| 11:19:53 | 11/12/09 | store 321 | 12342009 | 121.39 | 120 | 1.16 | FT-LB |
| 11:19:58 | 11/12/09 | store 321 | 12342009 | 121.1 | 120 | 0.92 | FT-LB |
| 11:19:58 | 11/12/09 | store 321 | 12342009 | 203.75 | 200 | 1.88 | FT-LB |
| 11:20:47 | 11/12/09 | store 321 | 12342009 | 202.78 | 200 | 1.39 | FT-LB |
| 11:20:50 | 11/12/09 | store 321 | 12342009 | 202.84 | 200 | 1.42 | FT-LB |

Sample torque data report from DTT

DTT Models

| Stock No. | Square Drive | Range English | Range, Nm | Range, kgcm |
|-------------------|--------------|-----------------|---------------|---------------|
| 1001-O-DTT | 1/4" | 10 - 100 in.oz. | .07 - .706 | .72 - 7.20 |
| 501-I-DTT | 1/4" | 5 - 50 in.lb. | .56 - 5.65 | 5.76 - 57.60 |
| 2502-I-DTT | 3/8" | 25 - 250 in.lb. | 2.82 - 28.25 | 28.80 - 288.0 |
| 2503-F-DTT | 1/2" | 25 - 250 ft.lb. | 33.90 - 338.9 | 345.6 - 3456 |
| 6004-F-DTT | 3/4" | 60 - 600 ft.lb. | 81.35 - 813.5 | 829.5 - 8295 |

| | |
|-------------------------------|---|
| Accuracy: | ± 0.50% ±1 count 10% to 100% CW & CCW of indicated test value @ 25° C |
| Units of Measure: | Nm, kgcm, ft.lb., in.lb., in.oz. |
| Operation Modes: | TRACK, PEAK, FIRST PEAK |
| Operating Temperature: | 10 to 32° C (50 to 90° F) |
| Storage Temperature: | -20 to 50° C (-2 to 122° F) |
| Humidity: | 85% Relative Humidity @ 21° C (70° F) |
| Power Supply: | Included 9-volt A/C D/C adapter. 6 AA batteries included. |
| Data Storage/Recall: | Memory Capacity – 500 Records (Complete Check Mode Only.) |

All CDI Torque Wrenches, QDrivers and Testers are provided with a Certificate of Calibration. All wrenches and drivers are calibrated per ASME B-107-14 and ISO 6789 Standards for Accuracy, from 20% to 100% of full scale, using NIST traceable equipment.

See many more torque products at www.jhwilliamsstoolgroup.com.

WILLIAMS



Sold by:



WARNING

- Do not exceed rated torque.
- Periodic recalibration is necessary to maintain accuracy.
- Do not use a torque wrench to break fasteners loose.
- Frequently inspect, clean and lubricate ratchet mechanism with light oil.