

DRTQ TOUCH-SCREEN TORQUE TESTER



Specifications

Models (max torque)	10 in-lbs, 25 in-lbs, 100 in-lbs, 250 in-lbs, 100 ft-lbs
Accuracy	± 0.5% of reading @ 20–100% full scale ±1% of reading @ 10–20% full scale
Maximum Overload	150% of full scale
Battery	3.7V Li-ion, 4400mAH 8 hrs continuous runtime
AC Adapter / Charger	Input: 100–240 VAC, 50/60 Hz Output: 5 VDC, center positive
Dimensions (L x W x H)	229 x 102 x 80 mm 9 x 4 x 3.13 in
Weight	2.7 kg / 6 lbs
Included with each tester	AC Adapter, Carrying Case, User Manual, Calibration Certificate, Rundown Joint*

*Rundown joint is not included with DRTQ-100-f, sold separately



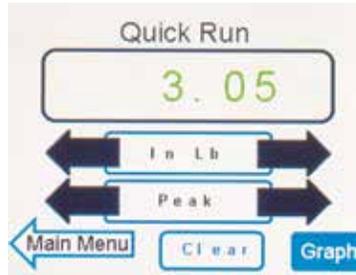
- CE Compliant
- Full color LCD touch screen
- Processes statistical calculations: CP, CPK, Sigma
- On screen statistics: Torque calculator and graphing for performance analysis
- Export data directly to an SD card
- Automatic screen rotation (level sensor flips screen between vertical and horizontal mode)
- 'Quick Run' mode provides the ability to quickly audit and verify a tool
- 'Measure Mode' allows users to establish acceptable tolerances — eight configurable torque test profiles available
- Eight available measurement units: in-oz, in-lbs, ft-lbs, Nm, cNm, Kgf Cm, Gf Cm, Kgf m
- Li-ion technology provides extended battery life
- Battery saving features: Sleep Mode, Back Light Timer, Automatic Shutdown
- Peak mode: For use with manual, electric, pneumatic, and cordless torque controlled tools (not for use with impact tools)
- Track Mode: For use with dial or electronic torque wrenches
- Advanced user programmable options: Auto Clear, Date/Time, Peak Time, Screen Brightness
- 2 year warranty
- Made in North America



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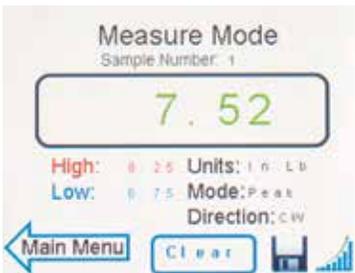
Configure up to 8 unique profiles to accommodate different test strategies.



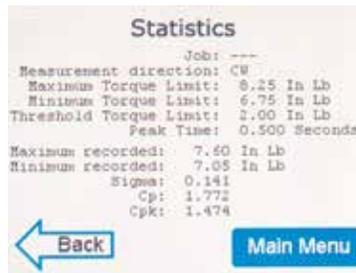
Use Quick Run mode to perform a single run torque test and view a graph of the results.



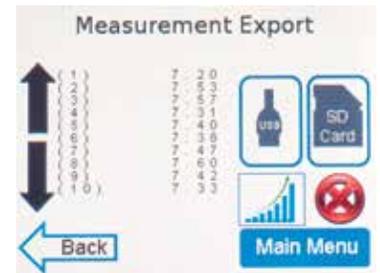
Resulting graph displays torque vs. time. Tap an area of the graph to zoom up to 4 times the size.



Use Measure Mode to evaluate a series of torque readings based on the profile parameter settings.



Statistics are calculated based on profile settings and evaluation of the sample group readings.



Sample group torque readings & statistics can be saved with a file name to an SD card for export.

DRTQ Torque Tester Models			
Model Number	Torque Range		Input Drive (female)
DRTQ-160-z	16.00–160.00 in-oz	0.11–1.13 Nm	1/4" square
DRTQ-10-i	1.00–10.00 in-lbs	0.11–1.13 Nm	1/4" square
DRTQ-25-i	2.50–25.00 in-lbs	0.28–2.82 Nm	1/4" square
DRTQ-100-i	10.00–100.00 in-lbs	1.13–11.30 Nm	1/4" square
DRTQ-250-i	25.00–250.00 in-lbs	2.82–28.25 Nm	3/8" square
DRTQ-100-f	10.00–100.00 ft-lbs	13.56–135.58 Nm	1/2" square

Each DRTQ Torque Tester is dead-weight calibrated with certified mass standards and arms to verify conformance to the stated accuracy of $\pm 0.5\%$ of indicated value (from 20–100% of full scale). A calibration certificate is included with each tester.

DRTQ Accessories	
Part Number	Description
DRTQ-MOUNT-HT	Reaction collar for bench mounting
DRTQ-RDA-1/4*	1/4" sq.dr. joint simulator
DRTQ-RDA-3/8	3/8" sq.dr. joint simulator (250 in-lbs / 28 Nm max)
DRTQ-RDA-1/2-100NM	1/2" sq.dr. joint simulator (74 ft-lbs / 100 Nm max)
DRTQ-ELEC3050	AC Adapter, 100–240VAC input / 5VDC output USB

*Add '-10i', '-25i', or '-100i' to end of model number to specify hardness of joint (as configured by default)



DRTQ-MOUNT-HT
Bench Mounted Reaction Collar
(Accepts all DRTQ Models)