

NEXTECH



TORQUE TESTER

UPDATE MANUFACTURING (THAILAND) CO.,LTD.

Features

Fully digital Torque fester with unique features:

- Accuracy 0.2% of full scale.
- Auto-Zero with software assistance.
- Reading in Peak hold, First peak and Track mode.
- Total 9 units display, with default mode.
- Unique option of Auto-reset in Peak mode.
- Go-NoGo (Pass-Fall) mode, user settable upper settable and lower limit.
- Total 90 readings can be saved on the units memory, and transferable to PC.

transfer of memory to PC through RS-232 serial port.

- Trouble-free dedicated software and cable provided for
- Rechargeable Battery.



Nextech torque tester has a high data accuracy of 0.2%, in any 9 selectable units, The tester automatically adjusts to Zero reading as soon as the unit is open, The reading can be in Track, Peak of First Peak. In Peak and First Peak the tester analyzes the dynamic torque characteristic curve and reports the correct Peak value. Since many power tools create shock or impulse, this results in a multiple peak torque. The First Peak report is provided so the operator can realize the characteristic of your power tools.



Overview

Torque testers are mainly designed for setting, testing and callbrating of torque tools. They can be used with manual or power tools. Rundown adapters are provided for use with power tools.

Nextech torque tester is designed for heavy duty, accuracy and convenience. The case is machined from a solid block of aluminum, which results in a safe hard shell that protects and stabilizes sensitive devices. The large LCD screen provides a clear display of the reading, menu, mode, batter status etc.



Some of the special functions that come standard with the tester are:

Auto-Reset Mode. In order to read the Peak torque, the tester will hold the reading until the reset button is pressed. When the reset button is pressed, the unit's Auto-Zero will take effect and you are readdy for the next reading. To allow free operation without pressing any reset button, the Auto-Reset mode is provided. This allows the operator to test the fastening tool, one afer another, without having to press any button for the next reading. This mode truly provides convenience and increases your productivity.

Go-NoGo Mode. In general practice, an acceptable range of readings is established and controlled. In this mode, the unit can provide ease of judgment. The acceptable upper and lower limit is specified in the tester and the tester will determine the reading whether or not it is within the control limit. If the unit says GO, then it is; otherwise NoGo is displayed. This function makes the operation so simple that anybody can use it.

Memory saved. Any Peak reading can be saved anytime by pressing one simple button. A total of 90 readings can be stored in the memory together with the reading units. This reading can be transferred to a PC vua RS-232 connector, with a simple to use software; both come with every unit. This provide paper-free operation, eliminating errors from writing down on paper and saves valuable time.



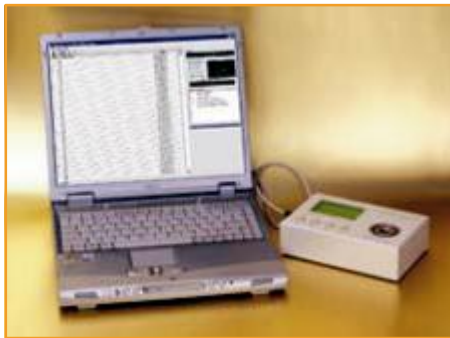
Application

The tester is intended for use with measuring torque and setting desired torque of fastening tools. The tools can be manually operated (screwdrivers and wrenches) or power operated (pneumatic and electrical). For power tools, a run-down adapter (fidapter) is provided. Different size adapter and rundown adapters are available for various brands of tools and torque range.

The tester comes in many model for each range of torque being measured. The available model and sizes are:

DTT 005	5 Kgf.cm	(5 lb.in)	(.5 N.m)
DTT 010	10 Kgf.cm	(10 lb.in)	(1 N.m)
DTT 050	50 Kgf.cm	(50 lb.in)	(5 N.m)
DTT 100	100 Kgf.cm	(100 lb.in)	(10 N.m)
DTT 200	200 Kgf.cm	(200 lb.in)	(20 N.m)

* Other ranges may be made available.



Software (for transfer of data)

The dedicated software for transfer of data from tester to PC via RS-232 interface cable is provided with all units. The software is easy to use. The entire stored data unit can be transferred and viewed immediately in a windows based program. The data can then be easily copied and pasted to other program such as spreadsheet, for statistical analysis, print out or for back-up.

Accessories (standard and optional)

- Torque Tester
- Aluminum carrying- case
- Battery Charger (220V)
- Rundown adapter

Optional:

Calibration certificate Software CD with RS-232 Interface cable



Auxiliary screw for Rundown adapter: Haft-moon (4mm), Hios (4mm)

Spare Spring for 5-10 Kgf.cm, 30-50 Kgf.cm, 100Kgf.cm

MODEL	Kgf.cm	lb.ft	N.m
DTT005	0.025-5.000	0.025-5.000	0.0025-0.50
DTT010	0.050-10.00	0.050-10.00	0.0050-1.00
DTT050	0.250-50.00	0.250-50.00	0.0250-5.00
DTT100	0.500-100.0	0.500-100.0	0.0500-10.0
DTT200	1.000-100.0	1.000-200.0	0.1000-20.0
MEASUREMENT UNIT	Kgf.cm, gf.cm, Kgf.m, mN.m, cN.m, N.m, ozf.in, ldf.in, lbf.ft		
ACCIRACY	0.2% of full scale (DTT200 0.5 % of full scale)		
MEASUREMENT MODE	TRACK, PEAK, FIRST PEAK		
DIMENSIONS	110 X 181 X 50 MM. (4.33 X 7.12 X 1.96 IN)		
WEIGHT	1.8 Kg (3.96 lb)		
POWER SOURCE	AC 220/240 V INPUT, DC 12 V. 500mA OUTPUT (AC 100/110 V optional)		
RECHARGEABLE BATTERY	NIMH CELL- 7.2 V 1200mAh		
RECHAGING TIME	4 HOURS		
CONTINUOUS USE AT FULL CHARGE	12 HOURS		
OUTPUT	RS 232 (serial port)		
OVER LOAD	200% of full scale		

This program is for download of data, saved in unit's memory, to be download into your computer.

Once you press Setup Program to install Memloader V4.0 Program, the Setup program will create program group called "NEXTECH Torque Memory Loader".

Index	Torque	Unit	Date	Time
M001	0001.99	Kgf-cm	03/04/04	21:43
M002	001992	gf-cm	03/04/04	21:43
M003	000.019	Kgf-m	03/04/04	21:43
M004	000195	mN-m	03/04/04	21:43
M005	00019.5	cN-m	03/04/04	21:43
M006	000.195	N-m	03/04/04	21:43
M007	00027.6	ozf-in	03/04/04	21:43
M008	0001.72	lbf-in	03/04/04	21:43
M009	000.144	lbf-ft	03/04/04	21:43
M010	0002.09	Kgf-cm	03/04/04	21:44
M011	002095	gf-cm	03/04/04	21:44
M012	000.020	Kgf-m	03/04/04	21:44
M013	000205	mN-m	03/04/04	21:44
M014	00020.5	cN-m	03/04/04	21:44
M015	000.205	N-m	03/04/04	21:44
M016	00029.1	ozf-in	03/04/04	21:44
M017	0001.81	lbf-in	03/04/04	21:44
M018	000.151	lbf-ft	03/04/04	21:44
M019	0002.90	Kgf-cm	03/04/04	21:44
M020	002908	gf-cm	03/04/04	21:44
M021	000.029	Kgf-m	03/04/04	21:44
M022	000285	mN-m	03/04/04	21:44
M023	00028.5	cN-m	03/04/04	21:44
M024	000.285	N-m	03/04/04	21:44
M025	00040.3	ozf-in	03/04/04	21:44
M026	0002.52	lbf-in	03/04/04	21:44
M027	000.210	lbf-ft	03/04/04	21:44

STATUS : Download complete



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