



Product Bulletin

PB # 0018
March 2010



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TorqueMate Wrench

Electronic Torque Wrench

Accuracy 1% of reading from 10% to 100% of full scale

Microprocessor controlled digital memory wrench for delivering precision torque and storing & downloading torque readings.

Ideal for torque measurement and auditing in R&D, QC, a lab, maintenance and production areas.

Large LED screen for high visibility.

USB cable for data transfer - Windows, MS Excel, SPC compatible. Additional download can be made in ASCII or binary format.

Bi-directional operation with built-in ratchet head.

Programmable pre-sets up to 99 pre-sets of torque or torque & angle* can be programmed on wrench or uploaded from PC (software provided), all with individual minimum and maximum limits or percentage tolerances. Audible and visual alarms signal approach and achievement of preset torque values.

Over torque warning system.

The recalibration period can be set by cycles and/or time.

Can store torque readings with a time and date stamp.

Selectable languages and units of measurement.

For angle models, both torque and angle values are displayed simultaneously.

Soft texture ergonomic grip.



New OLED Display

The TorqueMate electronic torque wrench ensures product quality, cost savings and a reduction in overall production failures through complete monitoring of the fastening and assembly process with full data collection of the measured values.

Torque Ranges

Length

Weight

Model	Measures	Item #	lbf.ft	N.m	Sq. Drive	inches	mm	lbs.	kg.
TMW20	Torque	240180	1.4 - 14	2 - 20	1/4"	16 1/8"	410	1.9	0.85
TMW20A	Torque & Angle	240181	1.4 - 14	2 - 20	1/4"	16 1/8"	410	1.9	0.85
TMW50	Torque	240182	3.6 - 36	5 - 50	3/8"	16 1/8"	410	1.9	0.85
TMW50A	Torque & Angle	240183	3.6 - 36	5 - 50	3/8"	16 1/8"	410	1.9	0.85
TMW100	Torque	240184	7.3 - 73	10 - 100	3/8"	16 1/8"	410	1.9	0.85
TMW100A	Torque & Angle	240185	7.3 - 73	10 - 100	3/8"	16 1/8"	410	1.9	0.85
TMW150	Torque	240186	11 - 110	15 - 150	1/2"	24 1/2"	465	2.9	1.3
TMW150A	Torque & Angle	240187	11 - 110	15 - 150	1/2"	24 1/2"	465	2.9	1.3
TMW250	Torque	240188	18.4 - 184	25 - 250	1/2"	24 1/2"	465	2.9	1.3
TMW250A	Torque & Angle	240189	18.4 - 184	25 - 250	1/2"	24 1/2"	465	2.9	1.3

Note: Larger models available upon request.



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Specifications

Operation Modes: Peak, Pre-set, Set, Recall, Upload, Clear, Date, Language, Units, Track, Backlite, Com (First Movement*, Torque & Angle*)

Units: ozf.in, lbf.in, lbf.ft, cN.m, N.m, kgf.cm, kgf.m

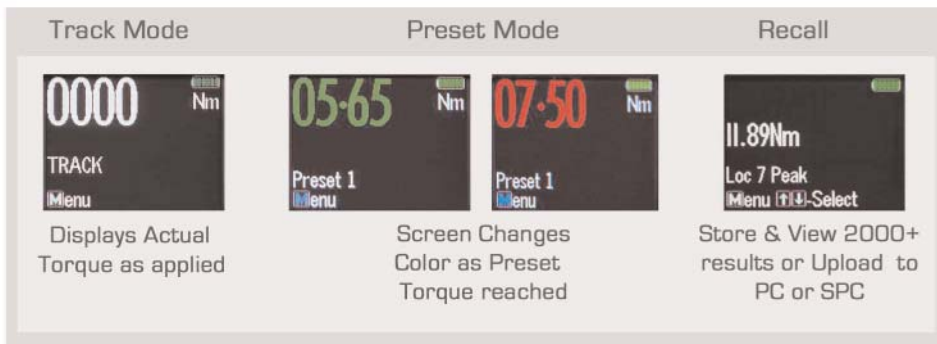
Alarms: Preset Value Approach, Fastener Overload, Range Overload, Mechanical Overload, Low Battery, Memory Full.

Data: Memory 2094 values

Display: Digits Four

Power: 4 x AA Batteries

Languages: Chinese, English, French, German, Italian, Japanese, Polish, Portuguese, Russian & Spanish



Large Color OLED Screen for High Visibility & Warning Signals

Easy to Keypad. Green/Red LED Warning Signals

Soft texture ergonomic grip