

TorqueMate® Wrench

Electronic Torque Wrench

Accuracy $\pm 1\%$ 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.

RS-232 bi-directional 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.

Model	Measures	Item #	Torque Ranges		Square Drive	Length		Weight	
			lbf.ft	N.m		inches	mm	lbs.	kg.
TMW20	Torque	240150	1.4 - 14	2 - 20	1/4"	16 1/8	410	1.5	0.67
TMW20A	Torque & Angle	240151	1.4 - 14	2 - 20	1/4"	16 1/8	410	1.5	0.67
TMW50	Torque	240152	3.6 - 36	5 - 50	3/8"	16 1/3	415	1.6	0.73
TMW50 A	Torque & Angle	240153	3.6 - 36	5 - 50	3/8"	16 1/3	415	1.6	0.73
TMW100	Torque	240154	7.3 - 73	10 - 100	3/8"	16 1/3	415	1.6	0.73
TMW100A	Torque & Angle	240155	7.3 - 73	10 - 100	1/2"	16 1/3	415	1.6	0.73
TMW150	Torque	240156	11 - 110	15 - 150	1/2"	22 1/2	570	2.6	1.2
TMW150A	Torque & Angle	240157	11 - 110	15 - 150	1/2"	22 1/2	570	2.6	1.2
TMW250	Torque	240158	18 - 180	25 - 250	1/2"	22 1/2	570	2.6	1.2
TMW250A	Torque & Angle	240159	18 - 180	25 - 250	1/2"	22 1/2	570	2.6	1.2

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

Power 4 x AA Batteries

Display Digits Four

Languages English, French, German, Italian, Portuguese & Spanish

* For Torque & Angle Models only.



BMX TRANSDUCER

For calibrating manual tools, power tools or special applications.
A wide torque range selection, from 2 ozf.in to 20,000 lbf.ft.

See Our Torque Analyzer & Test Measurement Catalog



Torque
Wrenches