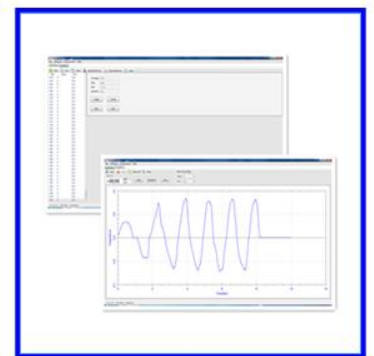




For measuring the torque setting of automatically stopped pneumatic and electric screwdrivers, torque drivers and torque wrenches.

For inspecting the torque of automatically stopped pneumatic and electric screwdrivers, torque drivers, and wrenches, as well as for official inspection and function control. For many other applications of which jig tools are devised.

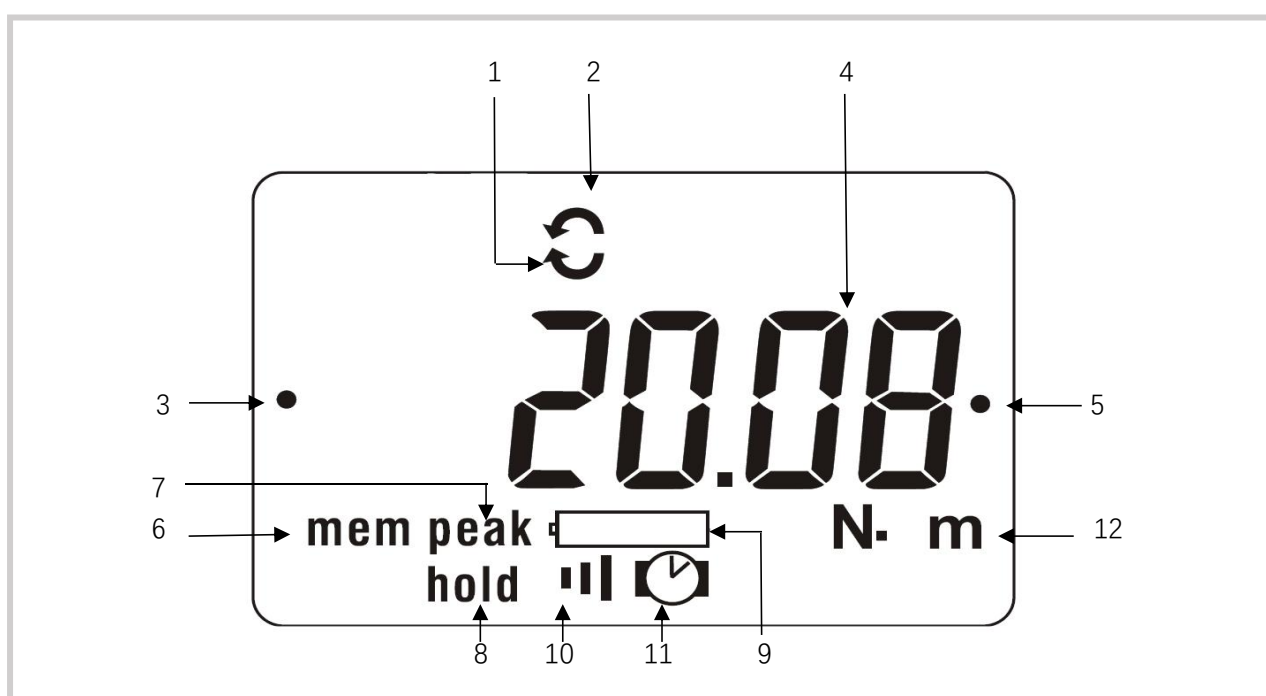
Gallery



Features

- The shell mold is die-casted, solid and reliable, stable and durable.
- Up to 1000 data measurements can be stored in memory at a time.
- Values are displayed digitally for ease and accuracy in reading out data.
- Can be set for rotation in either direction, for easy measurement of both tightening and loosening torque.
- Operated by rechargeable battery, this instrument is highly portable.

Display indicators



1. CW(clockwise) sign:

Express the torque of the CW(clockwise) direction.

2. CCW(counter clockwise) sign:

Express the torque of the CCW(counter clockwise) direction.

3. Auto zero clear mode sign/:

AC mode is valid when it blinks.

4. Measurement value:

Maximum capacity and current damping condition is displayed after power on.

A measurement value will be displayed if torque is added to tip of sensor unit.

5. +/-sign change mode sign:

SC mode is valid when it is lit.

6. Auto acquisition mode sign:

AA mode is valid when it is lit.

7. Peak mode sign:

PEAK mode is valid when it is lit.

8. Data hold sign:

It is displayed during data transmission by pressing SEND key.

9. Low battery warning sign:

When battery's voltage is low, this warning sign blinks. You need recharge the battery.

10. Alarm mode sign:

AL mode is valid when it is lit.

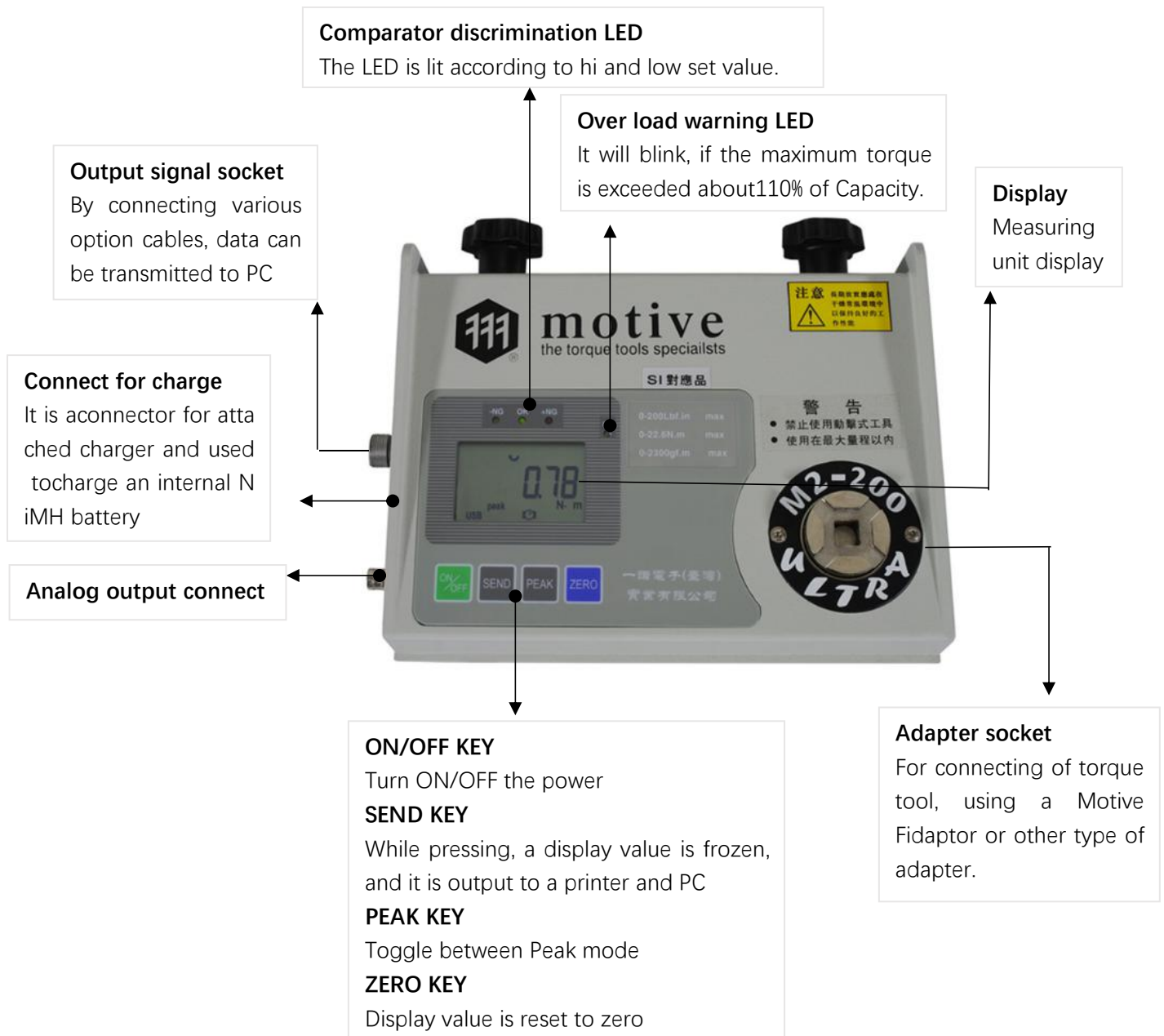
11. Auto power off mode sign:

AO mode is valid when it is lit.

12. Measuring unit:

Display the present measurement unit.

Names and functions of parts



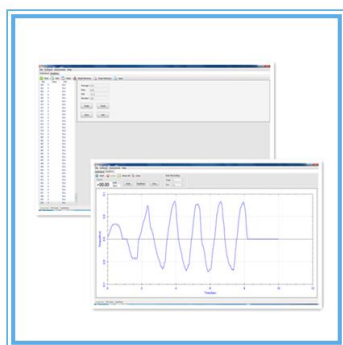
Specifications

Model	M2 Series	
Measuring units	N.m/kgf.m/lbf.in or N.cm/kg.cm/lbf.in	
Sampling rate	1000 times/sec.	
Display update	10 times/sec.	
Overload capacity	150% of rated capacity (LED flashes and buzzes beyond 110% of capacity)	
A/D converter	24 bits delta sigma	
Processor	8 bits 1 chip micro processor	
Accuracy	+/- 0.5% of rated capacity	
Battery use	Approx.1 8 hours 6 hours for charging	
Temperature of use	0-40 degree Celsius	
Power source	100 to 240VAC	NiMH rechargeable battery AC adapter
Weight	Approx. 4.5 kg	
Peak mode	"And" mode (peak of CW and CCW) "Or" mode(peak of CW or CCW)	
Comparator	Programmable hi/low set points with color coded indicators and output	
Memory	Up to 1 000 data can be stored	
Others	Auto zeroing(selectable between 1.0 and 25.5) Dumping(selectable 2 levels)	
Auto- power- off	Disable,5, 10,30,60 minutes selectable	

Optional Equipment

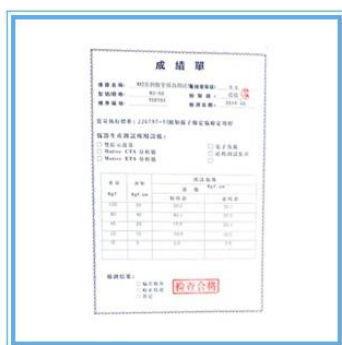


A wide range of test stands and gripping fixtures



Software

Tabulates and plots also calculates statistics, exports to Excel, and more.



Certificate of calibration with data

Ordering Information

Model	Capacity				Display			
	Lbf.in	N.m	gf.m	Kfg.cm	Lbf.in	N.m	gf.m	Kfg.cm
M2-10	10	1.13	115	11.5	10.00	1.130	115.0	11.50
M2-100	100	11.3	1150	115	100.0	11.30	1150	115.0
M2-200	200	22.6	2300	230	200.0	22.60	2300	230.0

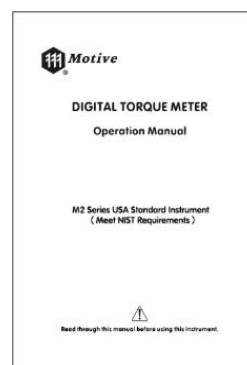
In the box



M2 digital torque meters are shipped as shown at left, and include the following accessories:

- (1) Fidaptor
- (1) Shank IS432
- (1) Shank IS545
- (1) Shank IS645
- (1) Shank IS535
- (1) Shank IS635
- (1) Aluminum box
- (1) AC adapter
- (1) Software CD data line(Purchase)

Instruction



Certificate



Included Accessories

Model

	Attachments	M2-10	M2-50	M2-100	M2-200
	IS-432	M2-10	M2-50	M2-100	M2-200
	IS-545	M2-10	M2-50	M2-100	M2-200
	IS-645	M2-10	M2-50	M2-100	M2-200
	IS-535	M2-10	M2-50	M2-100	M2-200
	IS-635	M2-10	M2-50	M2-100	M2-200
	Buffer Spring			M2-10	
	Buffer Spring		M2-50	M2-100	M2-200
	Fidaptor		M2-50	M2-100	M2-200
	Fidaptor			M2-10	

Additional Items to Consider

Consumable parts



gauge software

M2



AC adapter

Spare AC adapter, 100V-240V 50/60HZ



Mounting plate kit

Mounting plate kit



Load cell

10Kgf.cm 50kgf.cm 100Kgf.cm



Load cell

200Kgf.cm



Battery

4 sections, 1 group

Dimensions(mm)

