



Professional digital torque wrench breaks through the problem that traditional torque tools cannot determine the amount of torque to be applied, and has functions such as displaying torque warning values, memory data and transmission. This skill allows the operator to precisely control the tightening torque value of the wrench, which is very suitable for factory production. Full inspection and quantitative inspection quality analysis to improve production quality and reasonable price.

Gallery



Features

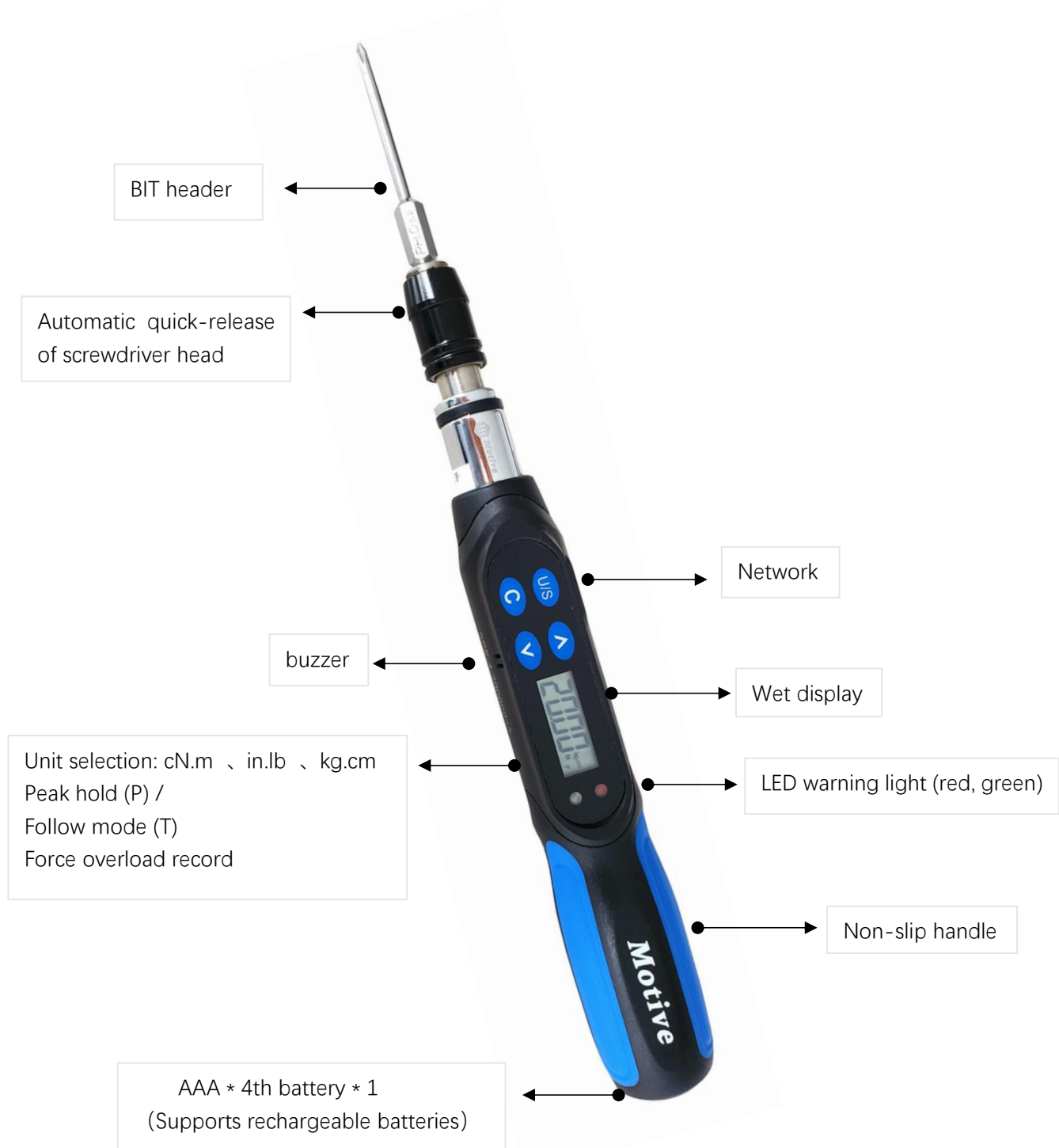
- Function operation: torque value setting, unit setting, mode setting.
- Unit settings can be easily switched with the press of a button.

Display indicators



Unit selection: cN.m 、 in.lb 、 kg.cm

Names and functions of parts



Specifications

MODEL*1 (MPE Series)	MPE-05BN	MPE-2BN	MPE-4BN
Accuracy*2	CW: $\pm 2\%$ CCW: $\pm 3\%$	CW: $\pm 2\%$ CCW: $\pm 3\%$	CW: $\pm 2\%$ CCW: $\pm 3\%$
Maximum torque value	50cN.m 4.42in.lb 5.1kg.cm	200 cN.m 17.7in.lb 20.41kg.cm	400 cN.m 35.39in.lb 40.82kg.cm
Torque test range	5-50 cN.m 0.44-4.42in.lb 0.51-5.1kg.cm	10-200 cN.m 0.88-17.7in.lb 1.02-20.41kg.cm	20-400 cN.m 1.77-35.39in.lb 2.04-40.82kg.cm
Guaranteed accuracy range	10-50 cN.m 0.88-4.42in.lb 1.02-5.1kg.cm	40-200 cN.m 3.54-17.7in.lb 4.08-20.41kg.cm	80-400 cN.m 7.08-35.39in.lb 8.16-40.82kg.cm
Resolution	0.1 cN.m 0.01in.lb 0.01kg.cm	0.1 cN.m 0.01in.lb 0.01kg.cm	0.1 cN.m 0.01in.lb 0.01kg.cm
LED warning light	2LED(1Red+1Green)	2LED(1Red+1Green)	2LED(1Red+1Green)
Operation mode	Peak hold (P) Follow mode (T)	Peak hold (P) Follow mode (T)	Peak hold (P) Follow mode (T)
Unit selection	cN.m in.lb kg.cm	cN.m in.lb kg.cm	cN.m in.lb kg.cm
Wrench length(mm)	193	203	203
BIT header insertion size	1/4	1/4	1/4
Head special device	Automatic quick-release of screwdriver head	Automatic quick-release of screwdriver head	Automatic quick-release of screwdriver head
Communication transmission function	NO	NO	NO
Number of keys	4	4	4
Battery * 3	AAA×1	AAA×1	AAA×1
Operating temperature	-10°C -60°C	-10°C -60°C	-10°C -60°C
Storage temperature	-20°C -70°C	-20°C -70°C	-20°C -70°C
Humidity	Up to 90% without condensation	Up to 90% without condensation	Up to 90% without condensation
Drop test	1 meter	1 meter	1 meter
Vibration test*4	10g	10g	10g
Environmental test*5			PASS
Electromagnetic compatibility test*6			PASS

*1 Product name selection guidelines

MPE- : 05-----Maximum operating range 50 cN.m

2 200

4 400

 : A----- Accuracy1% (CW)

B----- Accuracy2% (CCW)

 : N----- No support communication function

*2: The accuracy guarantee range is 20-100% of the maximum range, and the last digit is not included.

Torque accuracy is a typical value. The middle groove on the grip is the calibration point. To ensure accuracy, it is recommended to calibrate once a year.

*3: One AA battery (Toshiba R6UG carbon zinc battery)

*4: Horizontal and vertical test

*5: Environmental test:

- a. High temperature test,
- b. Low temperature test,
- c. High temperature and high humidity test
- d. temperature change test,
- e. impact test, f. vibration test, g. drop test

*6: Electromagnetic compatibility test:

- a. Electrostatic test (ESD),
- b. Radiation tolerance (RS),
- c. Radiation measurement (RE)

Ordering Information

Capacity & Resolution

Model	Capacity	Indication	Resolution
MPE-05BN	50 cN.m(5.1Kg.cm)	50 cN.m(5.1Kg.cm)	0.1cN.m(0.01Kg.cm)
MPE-2BN	200 cN.m(20.41Kg.cm)	200 cN.m(20.41Kg.cm)	0.1cN.m(0.01Kg.cm)
MPE-4BN	400 cN.m(40.82Kg.cm)	400 cN.m(40.82Kg.cm)	0.1cN.m(0.01Kg.cm)

Dimensions(mm)

