



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

- The ratchet head can be replaced into the required form
- Versatile and simple operation: preset torque value, unit setting, mode setting, memory storage, memory clear, data upload, network correction..... Various functions

Display indicators



Unit selection: N.m 、 in.lb 、 ft.lb

names and functions of parts



Specifications

MODEL*1 (MGC Series)	MGC4-135	MGC4-200	MGC4-340
	BN	BN	BN
Accuracy*2	CW: $\pm 2\%$ CCW: $\pm 3\%$	CW: $\pm 2\%$ CCW: $\pm 3\%$	CW: $\pm 2\%$ CCW: $\pm 3\%$
Maximum torque value	135N.m 99.5ft.lb 1195in.lb	200N.m 147.5ft.lb 1770in.lb	340N.m 250.7ft.lb 3009in.lb
Torque test range	6.8-135N.m 5-99.5ft.lb 60-1195in.lb	10-200N.m 7.4-147.5ft.lb 88-1770in.lb	17-340N.m 12.5-250.7ft.lb 150-3009in.lb
Guaranteed accuracy range	27-135N.m 19.9-99.5ft.lb 239-1195in.lb	40-200N.m 29.5-147.5ft.lb 354-1770in.lb	68-340N.m 50.1-250.7ft.lb 602-3009in.lb
Resolution	0.1N.m 0.1ft.lb 1in.lb	0.1N.m 0.1ft.lb 1in.lb	0.1N.m 0.1ft.lb 1in.lb
LED warning light	1Red	1Red	1Red
Operation mode	Peak hold (P) / follow mode (T)	Peak hold (P) / follow mode (T)	Peak hold (P) / follow mode (T)
Unit selection	N.m in.lb ft.lb	N.m in.lb ft.lb	N.m in.lb ft.lb
Wrench length(mm)	410	545	640
Ratchet square head (inches)	1/2	1/2	1/2
Head special device	Interchangeable head form ratchet head	Interchangeable head form ratchet head	Interchangeable head form ratchet head
Number of ratchet teeth	52	52	52
Embedding size-width * height (mm)	12*9	18*14	18*14
Data storage capacity	50	50	50
Communication transmission function	NO	NO	NO
Number of keys	5	5	5
Battery	AA×2	AA×2	AA×2
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	10g	10g	10g
Wrench life test	10000	10000	10000
Environmental test	PASS	PASS	PASS
Electromagnetic compatibility test	PASS	PASS	PASS

*1 Product name selection guidelines

MGC ☐ - ☐ ☐ ☐ ☐ ☐☐ : 2---Ratchet head 1/4"

3 3/8

4 1/2

☐ : 030-- Maximum operating range 30N.m

135 135

200 200

340 340

☐ : A----- Accuracy 1%(CW) 2%(CWW)

B----- Accuracy 2% 3%

☐ : R--- Support RS232 communication function

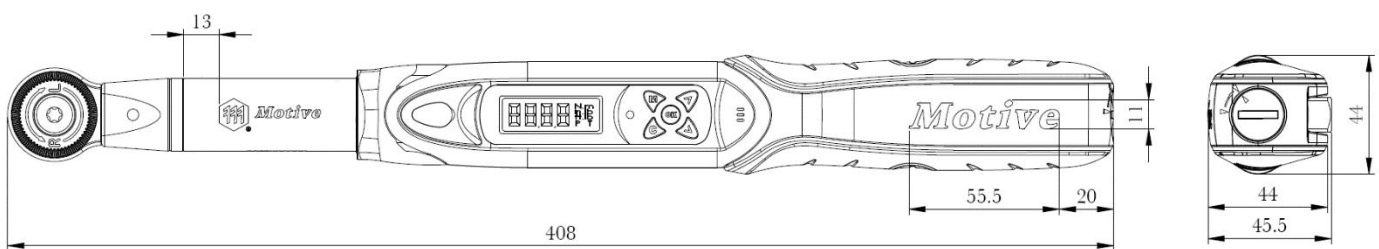
N-----No support communication function

- *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: Use a special RS232 cable (accessory) to send data to the computer
- *4: Two AA batteries (Toshiba R6UG carbon zinc battery)
- *5: Horizontal and vertical test
- *6: "One time" refers to pushing the wrench from 0N.m to the maximum marked value of the wrench, and then back to 0N.m
- *7: Environmental test:
- High temperature test,
 - Low temperature test,
 - High temperature and high humidity test
 - temperature change test,
 - impact test, f. vibration test, g. drop test
- *8: Electromagnetic compatibility test:
- Electrostatic test (ESD),
 - Radiation tolerance (RS),
 - Radiation measurement (RE)

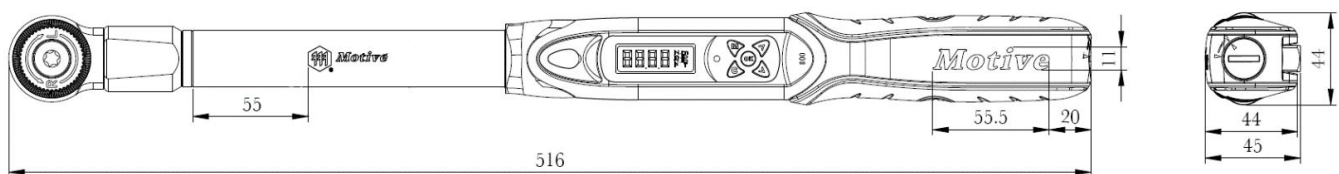
Ordering Information

Capacity & Resolution			
Model	Capacity	Indication	Resolution
MGC4-135	135N.m	135N.m(99.5ft.lb/1195in.lb)	1N.m(1in.lb/0.1ft.lb)
MGC4-200	200N.m	200N.m(147.5ft.lb/1770in.lb)	1N.m(1in.lb/0.1ft.lb)
MGC4-340	340N.m	340N.m(250.7ft.lb/3009in.lb)	1N.m(1in.lb/0.1ft.lb)

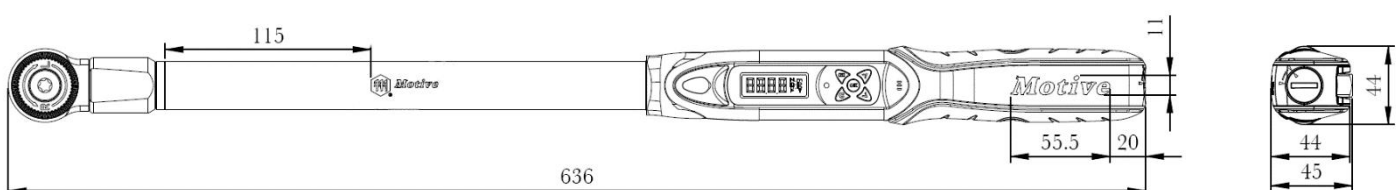
Dimensions(mm)



MGC4-135N.m



MGC4-200N.m



MGC4-340N.m