



Eclatorq Digital Torque Wrench (WS Series)

- Fixed Head
- Standard model
- Side LEDS

Eclatorq WrenchMark™ Standard Digital Torque Wrench, getting properly torqued fasteners is quick and easy with up to $\pm 3\%$ accuracy.

- Quick, accurate torquing for every nut, bolt and fastener
- Quality control and assurance with data recording
- Everyday reliability with robust build and high quality components
- Reduced downtime and maintenance with online calibration



At Eclatorq, we fuse the tools of today with the technologies of tomorrow to create a new generation of high tech tools. Built from almost a decade of high tech R&D and innovation, our Digital Tools provide users with unprecedented levels of control, accuracy and convenience. It is this commitment to creating ever more advanced and “smarter” tools that makes Eclatorq today’s leading manufacturer of Digital Tools, and changes not only the way people use tools, but how they define them.

Main Features

- Standard functions including torque setting, unit setting, mode setting, and online calibration.
- Functions in both clockwise and anticlockwise directions.
- LCD display showing N-m, ft-lb, in-lb and kg-cm measurements.
- Audible and visible torque confirmation by means of buzzer and side LED display.
- Easy set-up per application.



Precise. Intelligent. Reliable.

6 or 12 side LEDS lights

Front view



Side view



- When approaching the target torque, the green lights will illuminate (a warning signal).
- When the target torque has been reached, the red lights will illuminate (a stop signal).

Advantages

- While using and the LCD display is invisible, 6 or 12 LED could side visible to alert user to readings.
- Side-view LEDS may reduce the chance of getting back injury for users after a long time usage (Need not bend to check LCD display).
- Can assist in working at small room (Need not move position to check LCD display).
- Can assist in working at noisy places; when working at noisy places and the buzzer is inaudible, side-view LEDS are very helpful.

Specifications

Model No.	WS2-030	WS3-030	WS3-060	WS3-085	WS3-135	WS4-135	WS4-200	WS4-340
	CN	CN	CN	CN	CN	CN	CN	CN
Accuracy	CW :±3% CCW :±4%							
Square Drive (inches)	1/4	3/8	3/8	3/8	3/8	1/2	1/2	1/2
Max. Torque	30 N-m 22.12 ft-lb 265.5 in-lb 306.1 kg-cm	30 N-m 22.12 ft-lb 265.5 in-lb 306.1 kg-cm	60 N-m 44.24 ft-lb 530.9 in-lb 612.2 kg-cm	85 N-m 62.7 ft-lb 752 in-lb 867 kg-cm	135 N-m 99.5 ft-lb 1195 in-lb 1378 kg-cm	135 N-m 99.5 ft-lb 1195 in-lb 1378 kg-cm	200 N-m 147.5 ft-lb 1770 in-lb 2041 kg-cm	340 N-m 250.7 ft-lb 3009 in-lb 3469 kg-cm
Torque Measuring Range	1.5~30 N-m 1.11~22.12 ft-lb 13.3~265.5 in-lb 15.3~306.1 kg-cm	1.5~30 N-m 1.11~22.12 ft-lb 13.3~265.5 in-lb 15.3~306.1 kg-cm	3~60 N-m 2.21~44.24 ft-lb 26.5~530.9 in-lb 30.6~612.2 kg-cm	4.2~85 N-m 3.1~62.7 ft-lb 37~752 in-lb 43~867 kg-cm	6.8~135 N-m 5~99.5 ft-lb 60~1195 in-lb 69~1378 kg-cm	6.8~135 N-m 5~99.5 ft-lb 60~1195 in-lb 69~1378 kg-cm	10~200 N-m 7.4~147.5 ft-lb 88~1770 in-lb 102~2041 kg-cm	17~340 N-m 12.5~250.7 ft-lb 150~3009 in-lb 173~3469 kg-cm
Resolution	0.01 N-m 0.01 ft-lb 0.1 in-lb 0.1 kg-cm	0.01 N-m 0.01 ft-lb 0.1 in-lb 0.1 kg-cm	0.01 N-m 0.01 ft-lb 0.1 in-lb 0.1 kg-cm	0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm	0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm	0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm	0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm	0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm
PC Connectivity	No							
Bright LED	6 LED (2 Reds + 4 Greens)						12 LED (4 Reds + 8 Greens)	
Operation Mode	Peak hold / Track							
Unit Selection	N-m, in-lb, ft-lb, kg-cm							
Head Type	Round Head Ratchet							
Gear Teeth	52							
Button	4							
Battery	AAA X 2						AA X 2	
Operating Temperature	-10°C~60°C							
Storage Temperature	-20°C~70°C							
Humidity	Up to 90% non-condensing							
Drop Test	1 m							
Vibration Test	10G							
Environmental Test	Pass							
Electromagnetic Compatibility Test	Pass							

* Total torque control from a miniscule 1.5 N-m to a massive 340 N-m.

* Accuracy is guaranteed from 20% to 100% full scale.

* C : ±3%, N : No communication

Available Size

Model No.	Photo	Square Drive (inches)	Length (mm)
WS2-030CN		1/4	215
WS3-030CN		3/8	215
WS3-060CN		3/8	225
WS3-085CN		3/8	271
WS3-135CN		3/8	380
WS4-135CN		1/2	380
WS4-200CN		1/2	500
WS4-340CN		1/2	620

Package

