

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.



Digital Click torque wrench (CWK Series)

Main Features :

1. With digital click function (digital torque wrench with mechanical torque click function)
2. Can be used with torque release mechanism found out accurate torque value.
3. Powerful functions with for "Torque Setting", "Unit Setting", "Mode Setting", "Data Storage", "Data Clear", "Data Output" and "Online Calibration".
4. 9 pre-setting values set up with only one button.

Model : CWK2-030XX ~ CWK4-340XX

Range : 30 ~ 340 N-m

Head : 1/4" 、 3/8" 、 1/2"

Accuracy : $\pm 1\%$ or $\pm 2\%$ (CW)

Fixed ratchet

*Unique code for
each wrench*

Water indicator inside

Overload record

*Anti-slip grip handle
Strict environment test passed*

*Support AAA x 4
rechargeable battery*

- **Green** LED lights flash **step by step** when the torque is approaching the target value (a **warning** signal).
- **Red** LED lights bright appear when the torque reaches the target value (a **stop** signal).



Model *1 (CWK Series)	CWK2-030				CWK3-135				CWK4-135				CWK4-200				CWK4-340			
	AN	AU	BN	BU	AN	AU	BN	BU	AN	AU	BN	BU	AN	AU	BN	BU	AN	AU	BN	BU
Accuracy *2	CW : ±1% CCW : ±2%		CW : ±2% CCW : ±3%		CW : ±1% CCW : ±2%		CW : ±2% CCW : ±3%		CW : ±1% CCW : ±2%		CW : ±2% CCW : ±3%		CW : ±1% CCW : ±2%		CW : ±2% CCW : ±3%		CW : ±1% CCW : ±2%		CW : ±2% CCW : ±3%	
Max. Torque	30 N-m / 22.12 ft-lb 265.5 in-lb / 306.1 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				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			
Accuracy Guaranteed Range	6~30 N-m / 4.4~22.12 ft-lb 53~265.5 in-lb 61~306.1 kg-cm				27~135 N-m / 19.9~99.5 ft-lb 239~1195 in-lb 276~1378 kg-cm				27~135 N-m / 19.9~99.5 ft-lb 239~1195 in-lb 276~1378 kg-cm				40~200 N-m / 29.5~147.5 ft-lb 354~1770 in-lb 408~2041 kg-cm				68~340 N-m / 50.1~250.7 ft-lb 602~3009 in-lb 694~3469 kg-cm			
Resolution	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			
Pre-setting No.	9 Sets				9 Sets				9 Sets				9 Sets				9 Sets			
Bright LED	12 LED (2 Red+10 Green)				12 LED (2 Red+10 Green)				12 LED (2 Red+10 Green)				12 LED (2 Red+10 Green)				12 LED (2 Red+10 Green)			
Operation Mode	Peak hold / Track				Peak hold / Track				Peak hold / Track				Peak hold / Track				Peak hold / Track			
Unit Selection	N-m, in-lb, ft-lb, kg-cm				N-m, in-lb, ft-lb, kg-cm				N-m, in-lb, ft-lb, kg-cm				N-m, in-lb, ft-lb, kg-cm				N-m, in-lb, ft-lb, kg-cm			
Length (mm)	390				415				415				530				650			
Square Drive (inches)	1/4				3/8				1/2				1/2				1/2			
Head Type	Lever Type Ratchet				Lever type Ratchet				Lever type Ratchet				Lever type Ratchet				Lever type Ratchet			
Gear Teeth	36				36				36				36				36			
Data Memory Size	2000				2000				2000				2000				2000			
Communication *3	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Button	5				5				5				5				5			
Battery *4	AAA X 4				AAA X 4				AAA X 4				AAA X 4				AAA X 4			
Digital Click torque	V				V				V				V				V			
USB cable	V				V				V				V				V			
Operating Temperature	-10°C ~60°C				-10°C ~60°C				-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				-20°C ~70°C				-20°C ~70°C			
Humidity	Up to 90% non-condensing				Up to 90% non-condensing				Up to 90% non-condensing				Up to 90% non-condensing				Up to 90% non-condensing			
Drop Test	1 m				1 m				1 m				1 m				1 m			
Vibration Test *5	10G				10G				10G				10G				10G			
Electromagnetic Compatibility Test *6	Pass				Pass				Pass				Pass				Pass			

【Note】:***1. Product name selection guide**CWK \square -YYY \square W \square : 2 --- Square drive 2/8(1/4) inches

3 3/8

4 4/8(1/2)

YYY : 030--- Max. Operation range 30 N-m

135 135

200 200

340 340

 \square : A --- Accuracy 1% (CW) · 2% (CCW)

B 2% 3%

W : U --- Support USB communication

N None

*2. The accuracy of the readout is guaranteed from 20% to 100% of maximum range + /- 1 increment. The torque accuracy is a typical value. Calibration point is at the middle line of the five anti-grip lines on the rubber handle. For keeping the accuracy, calibrate the wrench for a constant period time (1 year). And the accuracy is based on the zero degree of offset from perpendicular drive.

*3. Use a special designed USB cable (accessory) to upload record data to PC.

*4. Four AAA batteries

*5. Horizontal and vertical test

*6. Electromagnetic compatibility test :

a) Electrostatic discharge immunity (ESD) b) Radiated susceptibility c) Radiated emission