



Digital Angle Torque Wrench (ADK Series)

- Angle Indicator
- Fixed Head
- 9 Value Pre-sets
- 12 LEDS

Eclatorq's most advanced Digital Torque Wrench connects and uploads saved torque values to any PC for record-keeping, statistical analysis and more.

- 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

- Multiple functions including angle setting, torque setting, unit setting, mode setting, data storage, date clear, data output and online calibration.
- 9 pre-settable target torque values.
- Functions in both clockwise and anticlockwise directions.
- LCD display showing N-m, ft-lb, in-lb, kg-cm and degree measurements.
- Audible and visible torque confirmation by means of buzzer and 12 LED display.
- Data memory size 50 or 250 optional.
- 250 data memory points with PC connectivity for data download (software included).



Precise. Intelligent. Reliable.

12 side LED lights

Front view



Side view



- When approaching the target torque, the green lights will begin to flash.
- When the target torque has been reached, the green lights will stop flashing and stay on. The red lights will also illuminate.

Advantages

- While using and the LCD display is invisible, 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.	ADK2-030				ADK3-135				ADK4-135				ADK4-200				ADK4-340			
	AN	AR	BN	BR	AN	AR	BN	BR	AN	AR	BN	BR	AN	AR	BN	BR	AN	AR	BN	BR
Torque Accuracy	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%	
Angle Accuracy	±2° (rotating 90° at speed of 30°/sec)																			
Square Drive(inches)	1/4				3/8				3/8				1/2				1/2			
Length (mm)	390				415				415				530				650			
Max Operation Range	30 N-m 2212 ft-lb 2655 in-lb 306.1 kg-cm 360°				135 N-m 99.5 ft-lb 1195 in-lb 1378 kg-cm 360°				135 N-m 99.5 ft-lb 1195 in-lb 1378 kg-cm 360°				200 N-m 147.5 ft-lb 1770 in-lb 2041 kg-cm 360°				340 N-m 250.7 ft-lb 3009 in-lb 3469 kg-cm 360°			
Measured Angle / Torque Range	15-30 N-m 111-2212 ft-lb 133-2655 in-lb 15.3-306.1 kg-cm 1°-360°				6.8-135 N-m 5-99.5 ft-lb 60-1195 in-lb 69-1378 kg-cm 1°-360°				6.8-135 N-m 5-99.5 ft-lb 60-1195 in-lb 69-1378 kg-cm 1°-360°				10-200 N-m 7.4-147.5 ft-lb 88-1770 in-lb 102-2041 kg-cm 1°-360°				17-340 N-m 12.5-250.5 ft-lb 150-3009 in-lb 173-3469 kg-cm 1°-360°			
Resolution	0.01 N-m 0.01 ft-lb 0.1 in-lb 0.1 kg-cm 1°				0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm 1°				0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm 1°				0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm 1°				0.1 N-m 0.1 ft-lb 1 in-lb 1 kg-cm 1°			
Data Memory Size	50	250	50	250	50	250	50	250	50	250	50	250	50	250	50	250	50	250	50	250
PC Connectivity	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Bright LED	12 LED (2 Reds + 10 Greens)																			
Operation Mode	Peak hold / Track																			
Unit Selection	N-m, in-lb, ft-lb, kg-cm, degree																			
Head Type	Lever Type Ratchet																			
Gear Teeth	36																			
Button	5																			
Battery	AA X 2																			
Battery Life (Continuous operation)	60 hrs.																			
Battery Life (Standby)	1 year																			
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																			
Life Time	10000 cycle																			
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.

* A: ±1% (CW), B: ±2% (CW), N: No communication, R: With communication

Available Size

Model No.	Photo	Square Drive (inches)	Length (mm)
ADK2-030		1/4	390
ADK3-135		3/8	415
ADK4-135		1/2	415
ADK4-200		1/2	530
ADK4-340		1/2	650

Package

