



Eclatorq Digital Torque Wrench (DF Series)

- Flex Head
- 9 Value Pre-sets
- Easy Set-up per Application

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



DIGITAL TORQUE WRENCH WrenchMark™

DF Series

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

- Flex Head.
- Multiple functions including 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 and kg-cm measurements.
- Audible and visible torque confirmation by means of buzzer and 2 LED display.
- Data memory size 50 or 250 optional.
- 250 data memory points with PC connectivity for data download (software included).



Precise. Intelligent. Reliable.

Specifications

Model No.	DF2-030				DF3-135				DF4-135				DF4-200				DF4-340			
	AN	AR	BN	BR	AN	AR	BN	BR	AN	AR	BN	BR	AN	AR	BN	BR	AN	AR	BN	BR
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%	
Max Operation Range	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			
Measured Torque 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			
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			
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
Pre-setting No.	9 Sets																			
Bright LED	2 LED (Red + Green)																			
Operation Mode	Peak hold / Track																			
Unit Selection	N-m, in-lb, ft-lb, kg-cm																			
Head Type	Flex Head																			
Gear Teeth	36																			
Button	5																			
Battery	AA X 2																			
Battery Life (Continuous operation)	110 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%, B : ±2%, N : No communication, R : With communication

Available Size

Model No.	Photo	Square Drive (inches)	Length (mm)
DF2-030		1/4	395
DF3-135		3/8	425
DF4-135		1/2	425
DF4-200		1/2	535
DF4-340		1/2	655

Package

