

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 Screwdriver (SD/SP Series)

Main Features

- Digital torque value readout
- +/- 2.5% or +/-3% accuracy
- CW and CCW operation
- Peak hold and track mode selectable
- Buzzer and LED indicator for the 9 pre-settable target torques
- Engineering units(cN-m, in-lb, kg-cm) selectable
- 50 or 250 data memory for recall and joint torque auditing
- Communication functions
- Auto power off after about 5 minutes idle
- Rechargeable batteries are compatible
- **The only difference between SD and SP series is the handle shape**





Model : SP-2XX ~ SP-4XX
 Range : 10 ~ 400 cN.m
 Bit Size (inches) : 1/4"
 Accuracy : $\pm 2.5\%$ or $\pm 3\%$ (CW)

Head Type:
Bits

Autolock Bit
Holder

Online-calibration port

Buzzer
Unique code for
each wrench

Water indicator inside

Unit: cN-m / in-lb
/ kg-cm

Bright side LEDs

Resolution:
0.1 cN-m

Anti-slip grip handle

Overload record

Strict environment
test passed

Mode: Peak hold
Track

Support AAA x 1
rechargeable battery

Model *1 (SD/SP Series)	SD-05		SP-2		SP-4	
	CN	CU	BN	BU	BN	BU
Accuracy *2	CW : $\pm 3\%$ CCW : $\pm 4\%$		CW : $\pm 2.5\%$ CCW : $\pm 3.5\%$		CW : $\pm 2.5\%$ CCW : $\pm 3.5\%$	
Max. Operation Range	50 cN-m 4.42 in-lb 5.1 kg-cm		200 cN-m 17.7 in-lb 20.41 kg-cm		400 cN-m 35.39 in-lb 40.82 kg-cm	
Measured Torque Range	5.0~50 cN-m 0.44~4.42 in-lb 0.51~5.1 kg-cm		10~200 cN-m 0.88~17.7 in-lb 1.02~20.41 kg-cm		20~400 cN-m 1.77~35.39 in-lb 2.04~40.82 kg-cm	
Resolution	0.1 cN-m 0.01 in-lb 0.01 kg-cm		0.1 cN-m 0.01 in-lb 0.01 kg-cm		0.1 cN-m 0.01 in-lb 0.01 kg-cm	
Bright LED	2 LED / 1 Red+1 Green		2 LED / 1 Red+1 Green		2 LED / 1 Red+1 Green	
Operation Mode	Peak hold / Track		Peak hold / Track		Peak hold / Track	
Unit Selection	cN-m, in-lb, kg-cm		cN-m, in-lb, kg-cm		cN-m, in-lb, kg-cm	
Length (mm)	193/203		193/203		193/203	
Bit end fitting (inches)	1/4		1/4		1/4	
Head Type	Autolock bit holder		Autolock bit holder		Autolock bit holder	
Data Memory Size	50	250	50	250	50	250
Communication *3	No	Yes	No	Yes	No	Yes
Button	5		5		5	
Battery	AAA x 1		AAA x 1		AAA x 1	
Battery Life *4 (Continuous operation)	12 hrs.		12 hrs.		12 hrs.	
Battery Life(Standby)	1 year		1 year		1 year	
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% non-condensing		Up to 90% non-condensing		Up to 90% non-condensing	
Drop Test	1 m		1 m		1 m	
Vibration Test *5	10G		10G		10G	
Life Time *6	10000 cycle		10000 cycle		10000 cycle	
Environmental Test *7	Pass		Pass		Pass	
Electromagnetic Compatibility Test *8	Pass		Pass		Pass	

