

# SPT

PREMIUM TOOLS  
www.sptools.no

# Power Torque Tools

Electrical Torque Wrench  
Pneumatic Torque Wrench  
Smart Socket  
Torque Calibrator



Bolt Fastening Expert

Due to continuous product development, all dimensions and specifications above are subject to change without notice and SP Tools will not be responsible for any possible situations resulting from such changes.

Hergestellt nach / Manufactured according to



ISO 9001  
TÜVRheinland®  
ID: 01 100 085695



# Proffleverandør av industrielle merkevarer

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## Bransjer

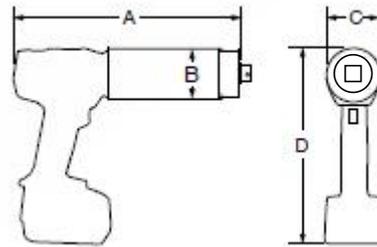


# WEDCX series Battery Torque Wrench

With a new torque display and buttons, this newly designed WEDCX battery torque wrench offers unmatched power, versatility and reliability. WEDCX Preferred Series allows users to choose the target torque more conveniently.



- Digital torque setting, adjustable every 1 Nm.
- Torque up to 8000 Nm with automatic release of reaction arm as standard.
- For applications with limited power sources or field service.
- Longer battery life, two batteries and one charge are standard



Torque Displaying



Customizable Reaction Arm



High Performance Lithium Battery



Soft Starting Trigger



Pistol Handle



Sliding Reaction Arm



Extended Reaction Arm



Type	SQ Size	Torque (Nm)		Speed RPM	Weight kg	Size A mm	Size B mm	Size C mm	Size D mm
		Min	Max						
WED07CX	0.75"	170	700	13	3.5	231	63	67	262
WED14CX	0.75"	300	1400	6	3.5	231	63	67	262
WED20CX	1"	400	2000	4	4.0	244	63	69	262
WED40CX	1"	800	4000	2	6.0	285	69	81	266
WED70CX	1.5"	1350	7000	2	8.8	295	95	95	272
WED80CX	1.5"	1500	8000	1.7	15	215	102	102	275

Accuracy  $\pm 5\%$ , Repeated Accuracy  $\pm 2\%$

*High reliability, easy to carry, a variety of working mode options  
No compressed air and power supply required!*

# V-MED series Electrical Torque Wrench

V-MED is a new generation of electric torque wrenches for bolt safety or removal in heavy duty industries where precision, power and safety are required. The product can preset the torque, the torque range can reach 8000N.m, providing continuous, stable and controllable torque output.

- Digital torque setting, adjustable every 1 Nm.
- Torque up to 8000 Nm with automatic release of reaction arm as standard
- 220V AC voltage, precise setting of torque, providing smooth and continuous control output.
- Repeatability +/- 2%



V-MED40



V-MED14 V-MED20 V-MED80



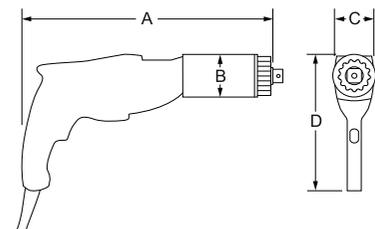
Precisely set torque by the control screen



Ergonomic Grip  
Fast forward and reverse torque output



High-efficiency gear reduction system



Type	SQ Size	Torque(N.m)		Speed RPM	Weight kg	Size A mm	Size B mm	Size c mm	Size D mm	Noise db
		Min	Max							
V-MED14	0.75"	140	1400	11	4.9	438	63	73	210	80
V-MED20	1"	200	2000	5	4.3	280	69	69	203	80
V-MED40	1"	400	4000	3	6.2	310	81	81	203	80
V-MED80	1.5"	800	8000	2	11.7	500	102	73	210	80

# E-MED series Electronic Torque Wrench



E-MED Electronic precision control is achieved by high performance servo motors with an accuracy of +/- 3% and a repeatability of +/- 2%. Using a patented gearbox design, this series of tools produces continuously controlled torque. Compared with traditional hydraulic wrenches, tightening efficiency can be increased by 300%.



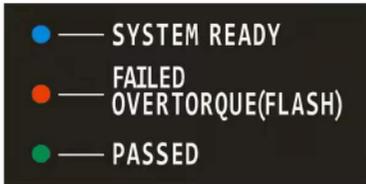
### Control unit of touching screen

The touch screen control box provides an easy-to-use operation interface, which can quickly set the torque, set the rotation angle, correct the torque, view the detailed information of the tool, and store the data. All operating data can be stored and exported through the memory card.



### Bluetooth connection

Can be connected to WREN smart tools by Bluetooth technology. This combination can automatically log in calibration data and quickly calibrate the output torque.



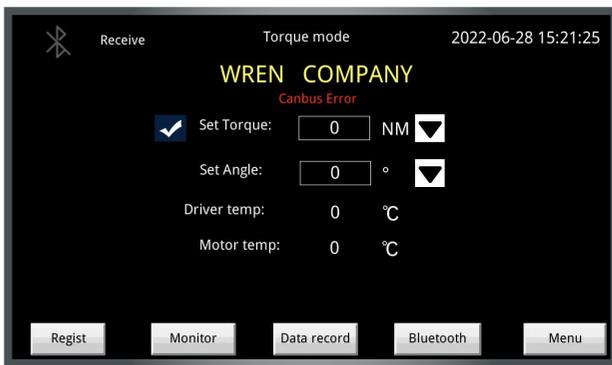
LED display indicator



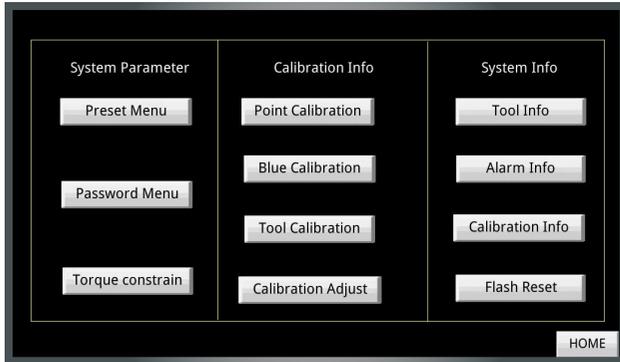
Powerful power output port



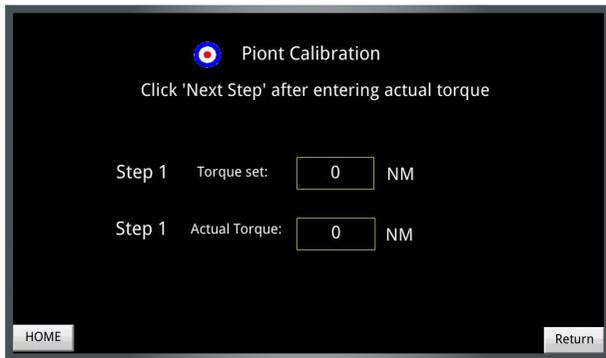
Complete combination connection of Servo motor wrench



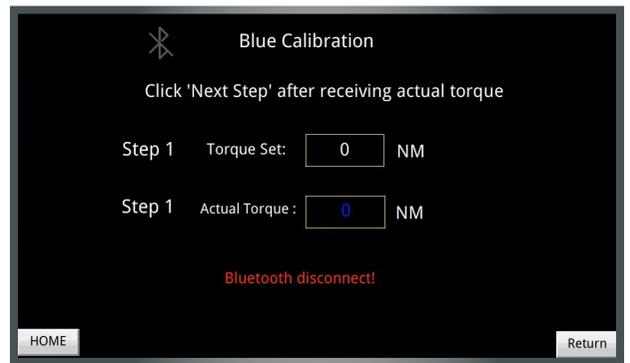
User main interface of touch screen control box



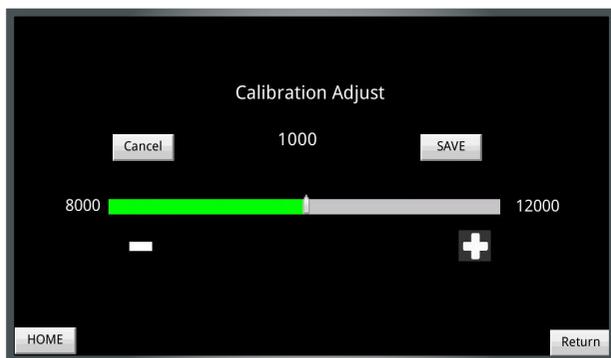
Function menu interface



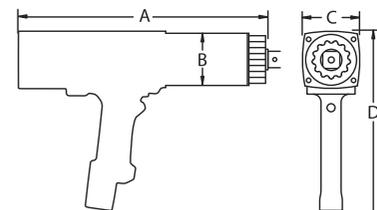
Point Calibration Page



Bluetooth calibration interface



Scale Calibration interface



Type	SQ Size	Torque(N.m)		Speed RPM	Weight kg	Size A mm	Szie B mm	Size C mm	Size D mm
		Min	Max						
E-MED 4000	1"	700	4000	8	11	430	83	88	290
E-MED 8000	1.5"	1350	8000	4	13	419	100	100	295
E-MED 10000	1.5"	2000	10000	2	15	432	105	105	298

Torque accuracy  $\pm 3\%$ , repeatability  $\pm 2\%$

# WPD series Pneumatic Torque Wrench

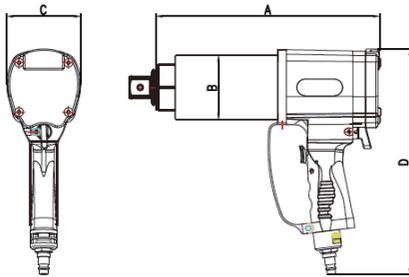
The pneumatic torque wrench is used in the working conditions that require precise and large-scale loading and unloading. The precise high-speed gearbox design can obtain stable and strong continuous output torque, which is suitable for high-efficiency occasions.

Maximized power-to-weight ratio

Wide torque range for a variety of applications and stations

Advanced gearbox design for unmatched reliability

Torque accuracy  $\pm 4\%$ , repeatability  $\pm 4\%$



WPD tool includes a standard reaction arm. The special reaction arm can be custom-made.



WPD14 and WPD20 series Pneumatic Torque Wrench



WPD34, WPD40 and WPD80 series  
Pneumatic Torque Wrench

Type	SQ Size	Torque(N.m)		Speed RPM	Weight kg	Size A mm	Size B mm	Size C mm	Size D mm	Noise db
		Min	Max							
WPD14	0.75"	275	1400	15	3.5	207	70	31.5	261	80
WPD20	1"	400	2000	10	3.9	201	70	34.5	261	80
WPD34	1"	700	3400	4.8	7.0	269	89	38.5	272	85
WPD40	1"	700	4000	4.8	7.5	289	81	38.5	272	85
WPD80	1.5"	2700	8000	4.2	12.2	317	93	51	293	85

## Standard Accessories

- Standard Reaction Arm
- Circlip
- G1/2 Air Hose
- Air Gauge, FRL, Air Regulator
- Carry Basket
- Air - Torque Chart
- Operating Manual

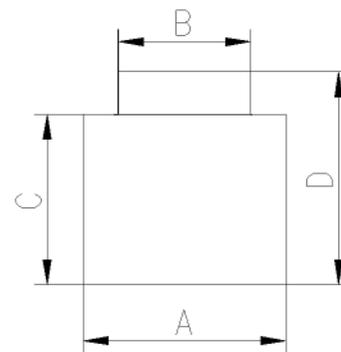


# Smart Socket



WREN smart socket is a combination of WREN torque sensor technology and socket, which can reflect the actual torque of the bolt in real time during the bolt tightening process. Through an innovative design, the Smart Socket - the size of a standard socket. Its small size and innovative technology make the Smart Socket the perfect calibration tool for checking bolted connections, as well as a calibration device for a variety of torque tools. Works in conjunction with WREN servo electric wrenches to guide correct torque and fast bolt tightening.

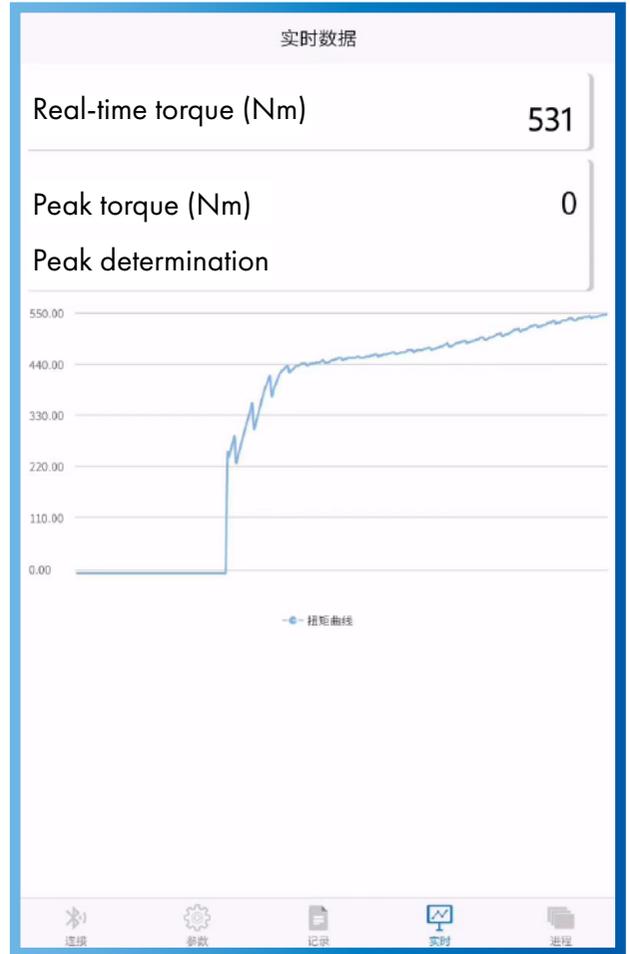
- Measure and display peak torque
- Record and output torque data (XLS, CSV, PDF)
- Check Datas on PC computer or Smart Phone by Bluetooth
- The sensor accuracy is  $\pm 1\%$
- To make bolt tightened automatically - stop work when torque is set.



Bluetooth connection and real-time data feedback

Optional Dual Mode





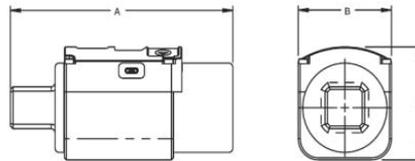
Type	Torque(Nm)		SQ Size	Weight (kg)	Size A (mm)	Size B (mm)	Size C (mm)	Size D (mm)
	Min	Max						
36mm1"	200	2000	1"	1.2	72	54	65	87
41mm1"	200	2000	1"	1.2	72	54	65	87
46mm1"	200	2000	1"	1.2	72	54	65	87
50mm1"	400	4000	1"	1.5	86	54	69	89
55mm1"	400	4000	1"	1.5	86	54	69	89
60mm1"	400	4600	1"	1.5	86	54	69	89
65mm1.5"	1100	10800	1.5"	4.9	115	86	89	121
70mm1.5"	1100	10800	1.5"	4.7	115	86	89	121
80mm1.5"	1100	10800	1.5"	4.2	115	86	89	121
90mm1.5"	1600	16000	1.5"	6.2	131	99	97	132
100mm1.5"	1600	16000	1.5"	7.7	146	99	104	136

# Torque Calibrating Device



WREN torque calibrator is a calibration tool specially used for torque wrenches. It has the characteristics of accurate testing, stable performance, abundant functions and easy operation. The digital intelligent instrument of the torque calibrator adopts a single-chip embedded combination design, with strong hardware expansion, and can be connected to the WREN detection software through a tablet computer. It is composed of a high-precision torque sensor and a force-bearing bracket.

- It can meet the torque wrench inspection of 100N.m-20000N.m.
- Data Log - Downloadable Data (XLS,CSV,PDF)
- See datas on PC computer by Bluetooth
- Torque Sensor Accuracy  $\pm 0.5\%$



Torque Sensor



Calibrator for Electrical and Pneumatic Torque Wrench



Calibrator for Torque Wrench

## Parameter of Calibrator for Electrical and Pneumatic Torque Wrench

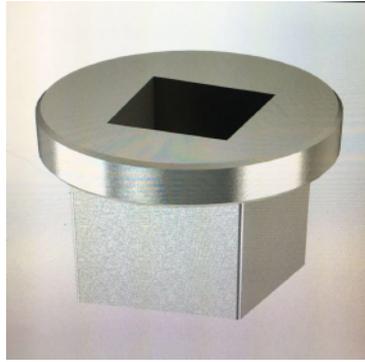
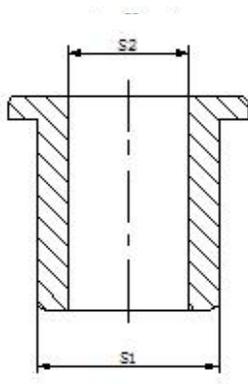
TYPE	SQ	Torque N.m		Weight kg	Size A mm	Size B mm	Size C mm
		Min	Max				
WREN 2000	1"	100	2000	1.8	142	60	69
WREN 9500	1.5"	475	9500	4.9	171	64	102

## Parameter of Calibrator for Hydraulic Torque Wrench

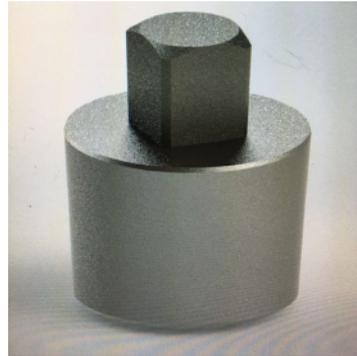
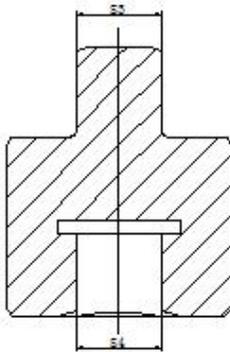
TYPE	SQ	Torque N.m		Weight kg	Size A mm	Size B mm	Size C mm
		Min	Max				
WREN 17500	40mm	875	17500	4.9	171	64	102

Accuracy  $\pm 0.5\%$

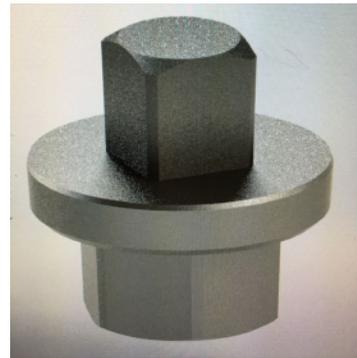
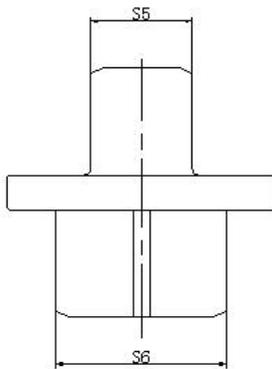
# Size of insert adapter for Torque Calibrator



S1--S2



S3--S4



S5--S6

S1(SQ)	S2(SQ)	S3(SQ)	S4(SQ)	S5(SQ)	S6(Hex)
1.5"	1"	1.5"	0.75"	1.5"	0.75"
1.5"	0.75"	1.5"	1"	1.5"	1"
		1.5"	1.5"	1.5"	1.5"
		1.5"	2.5"	1.5"	2.5"



SP Tools AS, proffleverandør av  
kjente merkevarer

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