

**WPE Series WiFi Mechatronic Preset Torque Wrench and Centralized Control Software**



WPE model consists two parts:

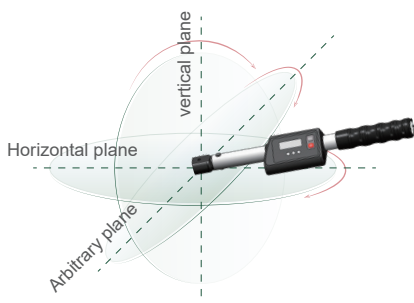
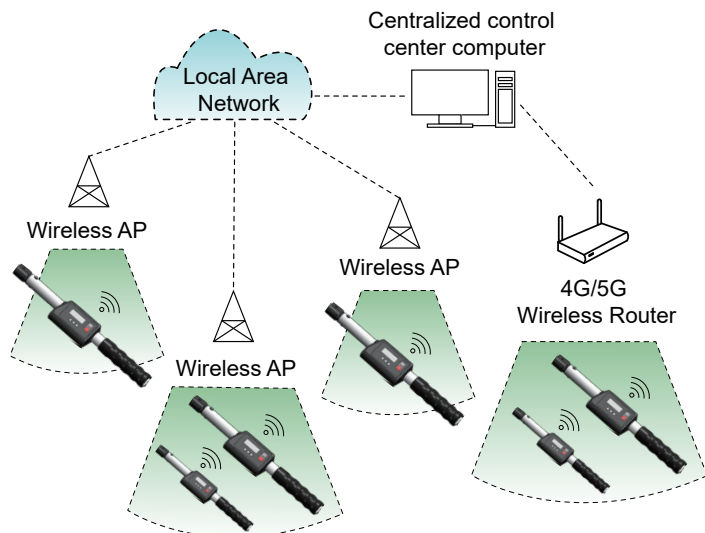
**Preset Torque Wrench**

The torque wrench is an electro mechanical (Click) preset torque wrench with WiFi, angle, storage functions. The wrench itself can be used independently.

**Computer Softwares**

Once the software is installed on the computer in the centralized control center and the wrench is connected, wireless applications can be realized.

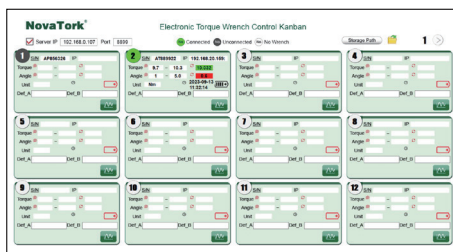
- Under the WiFi environment, the wrench and the centralized control center can realize real-time communication.
- 24 wrenches can be controlled at the same time.
- For customers with development capability, communication interface protocols can be provided to enhance enterprise-level management of torquing.



- The angle function of NovaTork is directed and developed by a team of experts and professors. Adopting high precision gyroscope angle chip module, it can be sensitively recognized in any plane at any angle.

## Main Features and Functions

- Accuracy: Torque: CW±4% from 20% to 100% of capacity;  
Angle: ( ±1% of reading) + ( ±1° @ angular speed of 10°/s~180°/s) +( ±1° of test fixture)
- LCD screen display, convenient for real-time viewing. The wrench can be adjusted against the displayed torque value.
- Maintaining the Click audible alarm feature of the mechanical wrench.
- 4 Torque units are available: N.m, Ft.lb, In.lb, Kg.cm
- First peak value mode
- Adjustable mechanism to set the torque value setting, and minimum angle value can be set in the system to prevent the operator from operating the same screw repeatedly.
- Peak value and judgment light status remain displayed after unloading.
- During continuous operation, the wrench will automatically reset to zero.
- Automatically shuts down after standby time.
- Battery level is displayed on the screen.
- Using 14500 high-capacity rechargeable lithium battery, which can be charged through the Type-C port on the wrench. The battery can be removed and charged on a dedicated charger for replacement, without delaying work.
- **Centralized Control Softwares:**



WPE WiFi Server



WPE USB Update

- WiFi Server software can receive instant data from 24 wrenches working at the same time and record the information. Each screen can observe 12 wrenches.
- Through the USB Update software, you can set the : accuracy, angle value, etc. for judgment, and download them directly into the wrench.
- The data of operating the wrench can be automatically sent to the centralized control center and saved.
- The wrench also has its own memory, which can save 1000 groups of data. If there is no WiFi communication temporarily, the data will be automatically stored in the memory of the wrench and will be uploaded automatically after WiFi is restored. You can also upload the data manually via the USB upload software.

**WPEMH Model** Rectangular Shank Head Holder Torque Wrench  
For rectangular shank head inserts



Optional Fittings:



Item No.	Square Drive	Torque Range		Length mm	Width mm	Weight kg
		N.m	Lb.ft			
WPEMH930	9×12	6.0-30	50-250*	248	24	0.55
WPEMH960	9×12	10-60	9-45	296	24	0.66
WPEMH9100	9×12	20-100	15-75	345	24	0.76
WPEMH14200	14×18	40-200	30-150	448	32	0.99
WPEMH14300	14×18	50-300	40-225	580	32	1.28

\*Unit is Lb.in

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