



Charging

## 電速數位扭力扳手 (藍牙+Wifi款) *Power Speed Digital Torque Wrench (BT & WiFi)*

- 雙重模式，動力和手動模式均內建在一個棘輪中，螺絲可迅速鎖定，以達節省時間效果
- 動力齒輪轉速 150~260轉/分鐘，扭力約 1 Nm
- 藍牙連接裝置，可隨時瀏覽歷史紀錄
- 透過WiFi連線電腦，並可透過自行開發的軟體對多隻扳手發號施令
- 有四種不同警示的LED指示燈
- 可拆式充電鋰電池可快速充電，2800mAh可在60分鐘內充電超過80%
- 50組扭力預設值
- 高達 5000 個扭力歷史記錄容量，用於特定 QC 分析
- 可自行設定公差值，更加符合標準化的公差範圍

- Dual Mode: Both Power and Manual modes are built into a single ratchet, allowing screws to be quickly locked and saving time
- Power Gear rotation speed: 150–260 RPM, with a torque of approximately 1 Nm
- Connects via Bluetooth to devices, enabling the browsing of historical records at any time
- Can connect to a computer via WiFi and control multiple wrenches through custom-developed software
- Equipped with four different warning LED indicators
- Removable lithium battery enables rapid charging, allowing a quick charge to reach over 80% in 60 minutes for a 2800 mAh battery
- Stores up to 50 memory setting values
- Can store up to 5000 torque history records for specific QC analysis
- Set target value tolerance according to your preferences, making it more convenient to adhere to standardized tolerance ranges



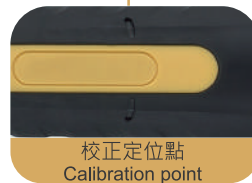
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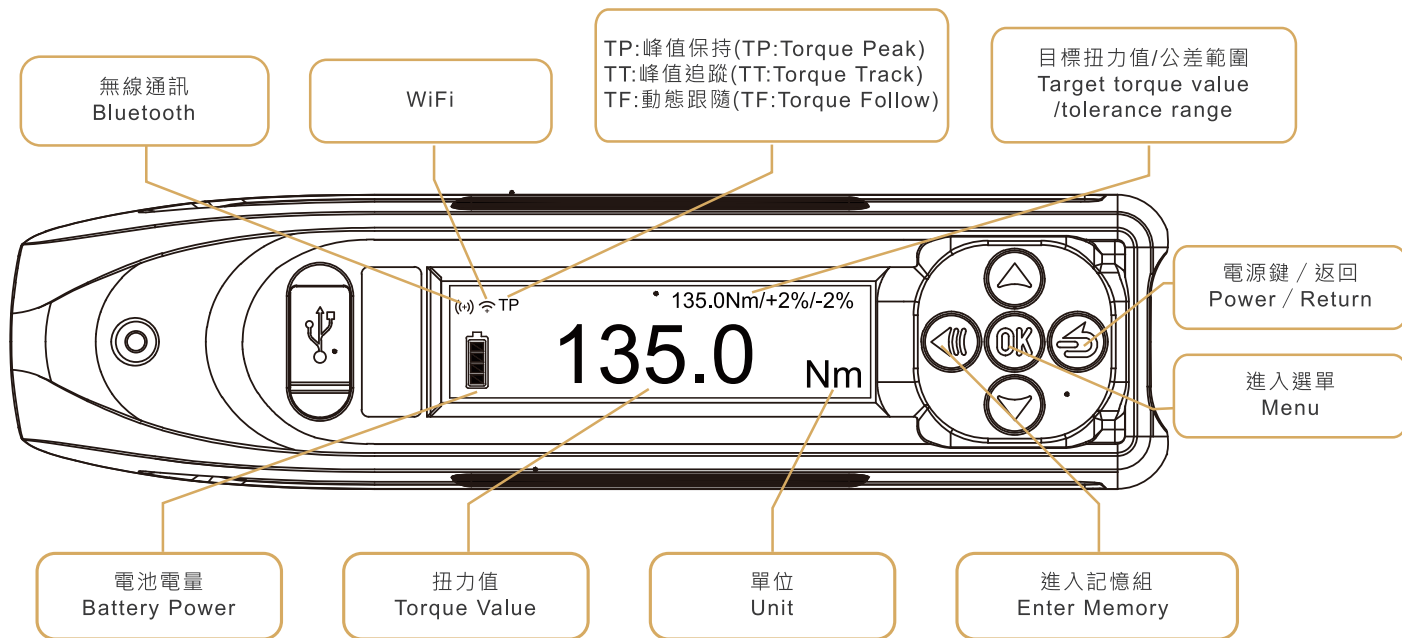


電腦軟體  
Software

## 產品規格 / Product Specifications

記憶容量 Memory Capacity	5000 sets
單位選擇 Torque Units	Nm, kg.m, ft-lb, in-lb
防塵等級 Dust Protection Rating	IP5X
操作溫度 Operating Temperature	-20°C ~ 60°C
操作濕度 Operating Humidity	90%以下(最佳65%以下) Below 90% (Optimal Below 65%)
儲存溫度 Storage Temperature	< 35°C(最佳23°C) < 35°C(Optimal 23°C)
掉落測試 Drop Test	1m
振動測試 Shaking Test	100Hz & 500Hz & 2000Hz
鹽霧測試 Salt Spray Test	48hrs
電池充電循環 Battery Charging Cycle	可達600次 Up to 600 times
電池充容量 Battery Capacity	2800 mAh





棘輪方頭  
Drive

WA-E135-2-BW



- 電動棘輪方頭：動力齒輪轉速 150~260轉/分鐘，扭力約 1 Nm
- 角度功能：可在無受力狀態下量測旋轉多少角度的功能
- WiFi功能-1對多：利用自行開發的通訊軟體，可連接WiFi並向多台扳手發送指令，從而實現高效的控制和管理
- 配件：吹氣盒x1, 出廠校驗報告(符合ISO品質認證規範)x1, 說明書x1, 充電座x1, 變壓器x1, 鋰電池x1, 磁性套組x1
- Electric Ratchet Square Head : Power Gear rotation 150~260RPM, and torque is about 1 Nm
- Angle Measurement Function: Enables measurement of rotation angles in the absence of external force
- WiFi Function - One-to-Many: Features self-developed communication software that connects via WiFi, allowing commands to be sent to multiple wrenches for efficient control and management
- Content : Blow Mold Case x1, Factory calibration report (compliant with ISO quality certification standards) x1, User guide x1, charging cradle x1, power adapter x1, lithium battery x1, Magnetic insert x1

### 藍牙功能 Bluetooth features



SPECIFICATIONS: ※Unit Conversion : 1 Nm = 10.2kgf-cm = 0.102 kgf-m = 0.738 lbf-ft = 8.851 lbf-in

產品編號 Item No.	精度 Accuracy	棘輪方頭 Drive	棘輪齒數 Ratchet Teeth	設定範圍 Setting Range	解析度 Resolution	扳手長度 Length (mm)	扳手重量 Weight (g)
WA-E50-2-BW	CW:±2% CCW:±3%	3/8"	60	5-50 Nm / 1°~999°	0.01 Nm / 0.1°	410	890
WA-E135-2-BW				13.5~135 Nm / 1°~999°		450	1014
WA-E220-3-BW		1/2"		22-220 Nm / 1°~999°	530	1190	

透過連線手機隨時掌握扭力，並輕鬆記錄每次操作亦可透過 (Micro USB)將數據保存於電腦

The new Bluetooth design enables a seamless connection to your smartphone, allowing you to monitor torque values in real time and effortlessly record each operation. You can also save data to your computer via a Micro USB connection.

註：精度的扭力範圍在最大操作值的10%~100%

Notes: Accuracy guaranteed at 10% to 100% of full scale.