



機電扭力扳手 (藍牙款)

Mechanical Torque Wrench (BT)

- 機械、數位與藍牙的整合，達到準確、快速及數據化需求
- 全新機械扭力跳脫結構，到達扭力值後，產生強大的跳脫力警示聲
- 扭力數字化顯示，透過旋鈕即可輕鬆設定扭力，使用後無需歸零也不影響壽命
- APP可進行循環計次功能，連線後，APP可紀錄歷史數據 (數據保存於該手機的APP內)
- 使用者可自行開發軟體，連線到扳手存取使用過程(免費索取通訊協定)
- 廠內實測每5000次做一次校正，連續校正10次仍可保持精度穩定 (可索取校正流程，自行調整扭力數值進行校正)
- 四種單位選擇 N-m, ft-lb, in-lb, kgf-m
- 具有5000次使用次數到達提醒
- LCD數值顯示
- The integration of machinery, digital technology, and Bluetooth achieves accuracy, speed, and data-driven performance
- After reaching the preset value, the structure features a large buffer space and a distinct mechanical clicking sound, which effectively prevents applying force too quickly, ensuring that the screw does not exceed the preset torque value
- Torque can be easily set using the knob, with no need for zeroing after use, ensuring no impact on lifespan
- The app supports cycle counting. Once connected, it can record historical data (stored within the app on this device)
- Users can develop their own software to connect to the wrench and access the usage process (free protocol available for download)
- After 5,000 uses and calibration, the tool maintained stable accuracy even after 10 consecutive recalibrations
- Four unit options: Nm, ft-lb, in-lb, kgf-m
- A reminder is provided when 5000 usage cycles are reached
- LCD numerical display



Wi-Click
Torq Wrench



APP



影片/Video

產品規格 / Product Specifications

電池壽命：持續操作 Battery life(continuous operation)	300 hrs
防水等級 IP Rating	IPX1
防塵等級 Dust Protection Rating	IP5X
操作溫度 Operating Temperature	-10°C ~ 50°C
儲存溫度 Storage Temperature	-10°C ~ 50°C
單位選擇 Torque Units	Nm, kg.m, ft-lb, lb-in
掉落測試 Drop Test	1m
振動測試 Shaking Test	100Hz & 500Hz
鹽霧測試 Salt Spray Test	48hrs
耐腐蝕測試 Corrosion Resistance Test	PASS
抗酸鹼測試 Acid-Alkaline Resistance Test	PASS
耐用度測試 Durability Test	經過10次校正，功能無任何異常 After 10 calibrations, the functionality remains without any abnormalities.

WD-Q (-BT)

WD-I (-BT)



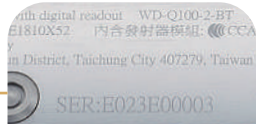
棘輪方頭
Square head



棘輪切換
Reversible ratchet



強大跳脫力警示聲
Large buffer stroke
loud audible click



單支出廠序號查詢
Unique code for each wrench



棘輪方頭/插槽
Drive / Insert



棘輪切換
Reversible ratchet



電池蓋鎖定孔
2mm六角扳手(未附)
Battery cover locking hole
2mm hexagonal wrench
(not included)

WD-Q100-BT
WD-I100-BT
WD-I200-BT



使用AAA電池
Use AAA batteries



固定扭力調整桿
Fixed torque rod



扭力調整旋鈕
Knob type
torque adjustment



LCD螢幕顯示
LCD screen



單鍵操作
One-button operation

WD-I30-BT



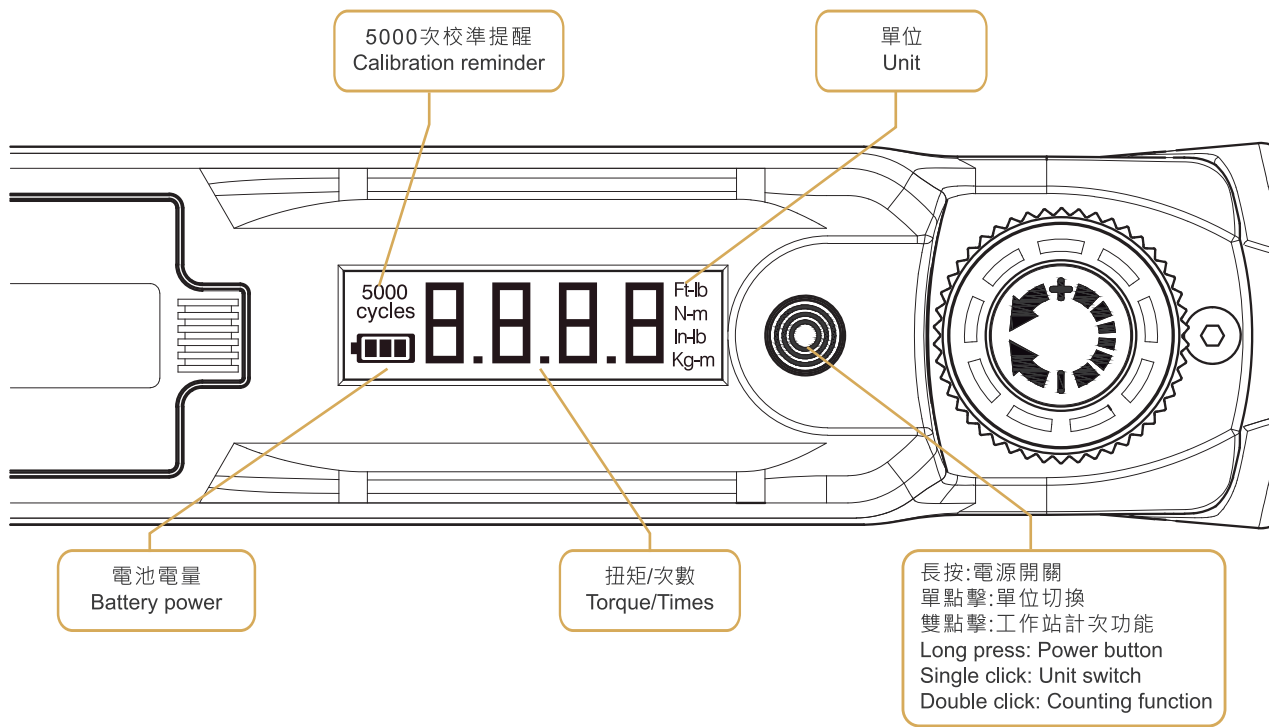
固定扭力調整桿
Fixed torque rod



扭力調整旋鈕
Knob type
torque adjustment



使用AAA電池
AAA*2 batteries





加購配件，請參考27頁
Optional add-on
Please refer to P.27



棘輪方頭/插槽
Drive / Insert



■ 扳手結構：順時針施力-到達設定扭力會產生跳脫聲響；逆時針施力-用於低扭力螺絲拆卸使用（若將棘輪頭轉向180度如上圖，可達到逆時針施力跳脫的作用）

■ 配件：收納用塑膠盒x1, 出廠校驗報告(符合ISO品質認證規範)x1, 說明書x1, AAA電池x2

■ Wrench structure: Applying force clockwise - a click sound will occur when the set torque is reached; applying force counterclockwise - used for loosening low-torque screws (if the ratchet head is turned 180 degrees as shown in the image, applying force counterclockwise can also produce a click sound).

■ Content : Plastic storage box x1, Factory calibration report (compliant with ISO quality certification standards) x1

SPECIFICATIONS:

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

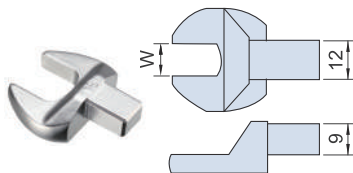
產品編號 Item No.	精度(CW) Accuracy	插槽 Insert	棘輪方頭 Drive	棘輪齒數 Ratchet Teeth	設定範圍 Setting Range	建議使用範圍 Suggested Range	解析度 Resolution	扳手長度 Length (mm)	扳手重量 Weight (g)
WD-I30-1-BT	≥15Nm:±3% <15Nm:±4%	9x12mm	1/4"	72	5~30 Nm	8~30 Nm	0.1 Nm	361	470
WD-I100-2-BT	≥20Nm:±3% <20Nm:±4%	14x18mm	3/8"		15~100 Nm	25~100 Nm	0.2 Nm	483	1140
WD-I200-3-BT	≥40Nm:±3% <40Nm:±5%		1/2"		30~200 Nm	40~200 Nm	0.5 Nm	585	1510

藍牙功能 Bluetooth features



- APP可進行循環計次功能
- 連線後，APP可紀錄歷史數據（數據保存於該手機的APP內）
- APP for cycle counting.
- Once connected, the app can record historical data (Data is stored within the app on this device).

9X12 開口式扭力接頭
Open-ended Insert tools



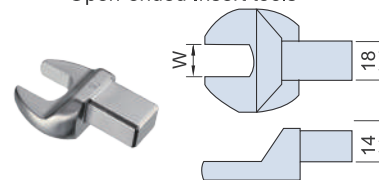
產品編號 Item No.	W (mm)	適用產品 Apply to
W-Y0107	7	WM-I06-1 WM-I15-1 WM-I25-1 WI-30-1 WI-60-2 WI-135-2 WD-I30-1-BT
W-Y0108	8	
W-Y0109	9	
W-Y0110	10	
W-Y0111	11	
W-Y0112	12	
W-Y0113	13	
W-Y0114	14	
W-Y0115	15	
W-Y0116	16	
W-Y0117	17	
W-Y0118	18	
W-Y0119	19	
W-Y0121	21	WI-30-1 WI-60-2 WI-135-2 WD-I30-1-BT
W-Y0122	22	
W-Y0124	24	

9X12 (開口)梅花式扭力接頭
(Open-)Ring Insert tools



產品編號 Item No.	W (mm)	適用產品 Apply to
W-R0107	7	WM-I06-1 WM-I15-1 WM-I25-1 WI-30-1 WI-60-2 WI-135-2 WD-I30-1-BT
W-R0108	8	
W-R0109	9	
W-R0110	W-YR0110	
W-R0111	W-YR0111	
W-R0112	W-YR0112	
W-R0113	W-YR0113	
W-R0114	W-YR0114	
W-R0115	15	
W-R0116	W-YR0116	
W-R0117	W-YR0117	
W-R0118	W-YR0118	
W-R0119	W-YR0119	
W-R0121	W-YR0121	
W-R0122	W-YR0122	
W-R0124	24	

14X18 開口式扭力接頭
Open-ended Insert tools



產品編號 Item No.	W (mm)	適用產品 Apply to
W-Y0213	13	WI-30-3 WI-60-3 WI-135-3 WI-200-3 WI-340-3 WI-400-3 WD-I100-2-BT WD-I200-3-BT
W-Y0214	14	
W-Y0215	15	
W-Y0216	16	
W-Y0217	17	
W-Y0218	18	
W-Y0219	19	
W-Y0221	21	
W-Y0222	22	
W-Y0224	24	
W-Y0226	26	
W-Y0227	27	
W-Y0230	30	
W-Y0232	32	
W-Y0234	34	
W-Y0236	36	
W-Y0238	38	
W-Y0241	41	