X-GEN TORQUE & ANGLE WRENCHES
with wireless communication

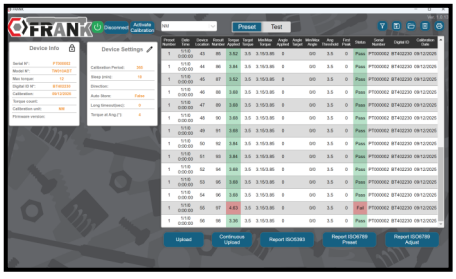
Simple to use, accurate & reliable Torque and Angle wrenches to ensure precise tightening and data collection

- Intelligent tightening & auditing strategies including automatic **Residual Torque** detection
- **Robust** aluminium body with **Ingress Protection** for use in all environments
- 1 N.m to 2000 N.m— Wide range of torque covering all manual torque applications
- **Accuracy** +/-1% of actual value for stringent requirements
- Large OLED screen, buzzer & optional vibration for precise control
- Smart and easy to use with simple setup and operation
- Designed for **Industry 4.0** with wireless communication options for data traceability



Use free PC software with USB connection to:

- Collect results & export to excel
- Backup & restore
- Password protected Calibration activation
- Create standard ISO reports



Bluetooth Solutions for windows, IOS & Android

- Set-up Torque operations
- Provide user guidance
- Collect the data in Real-time

Option 1: Integrate BMS protocol to 3rd party software
Option 2: Connect to **BMS Torque Go** for mobile devices or **AGS** for Windows to manage Visual guidance and data collection.



Tool compliance made simple

Self check of calibration date and total torque applications provides alerts for Validation and Calibration requirements.

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ROBUST & CERTIFIED

- Rigid aluminum housing suitable for daily tasks
- Anti vibration mounts protect from drops
- Robust & certified Ingress Protection for all environments
- FCC & CE certified

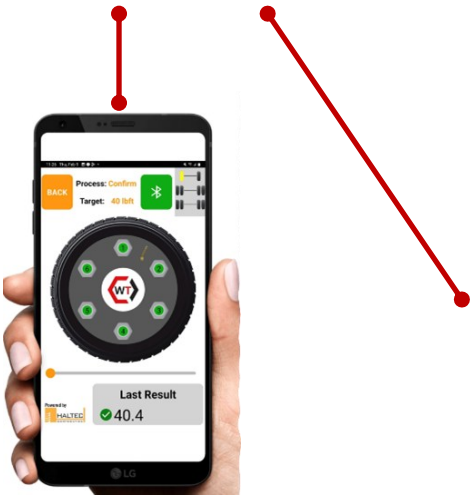
PRECISELY MEASURE TORQUE & ANGLE

- Highly Accurate Torque transducer: +/- 1% of actual reading CW and CCW.
- Full tightening strategy: Torque control / Angle monitoring, Angle control / Torque monitoring (Coming soon)
- Quality control: Torque at Angle and Residual torque detection
- Mitigate over-torques & improve speed of operators with optional programmable vibration alerts , buzzer, LED and OLED screen.



LIVE & CONNECTED Bluetooth Variants

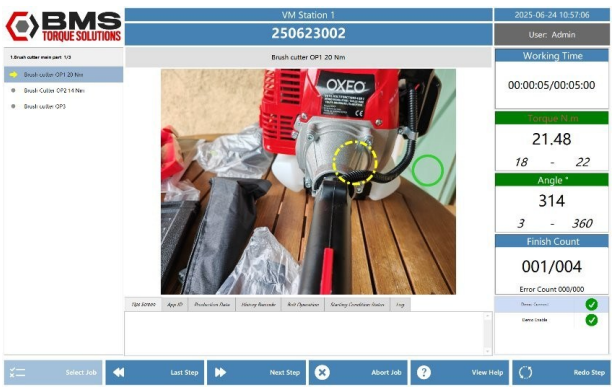
- Optimized for **Torque Go** software on iOS & Android Apps with Secure Customer Cloud portal
- Enhance the functionality of the TXW with a connection to the **AGS** Software for Windows with Station management & visual guidance.



TORQUE GO for mobile

COST EFFECTIVE

- Use a standard protected battery Lithium ion 21700
- Connect accessories such as ratchets or open-ends with standard DIN adapters
- Calibrate locally with an approved laboratory
- Fast charge possible over USB-C or charge a spare battery externally to improve your working rate



AGS - Assembly Guidance software for Windows

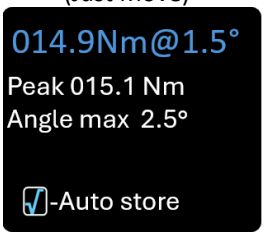
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Large OLED screen with clear information

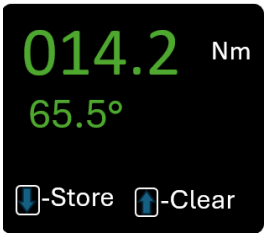
Residual Torque



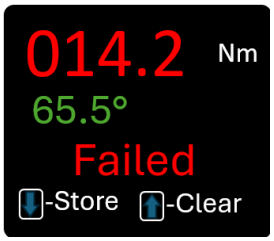
Torque at Angle (Just Move)



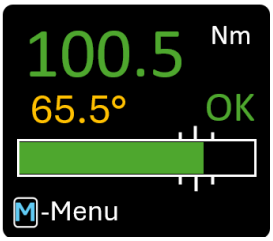
Result Ok



Result NOk

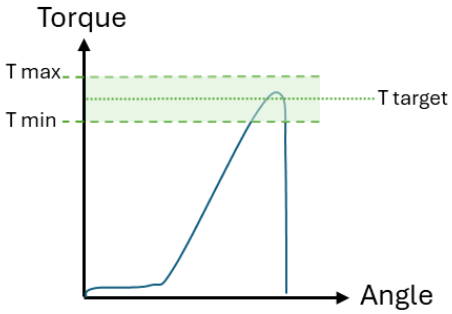


Bar graph

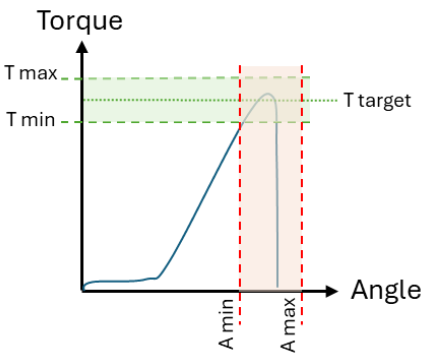


Core Tightening strategies

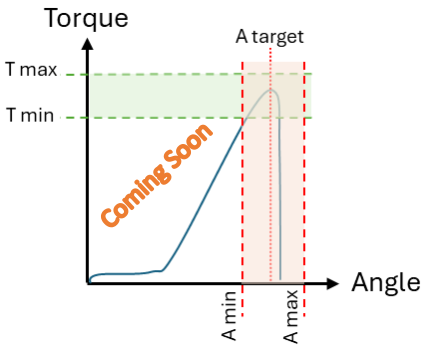
Torque control



Torque control and Angle monitoring

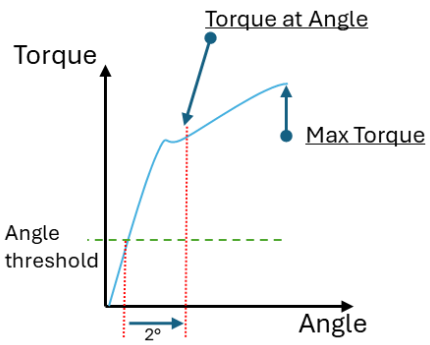


Angle control and Torque monitoring

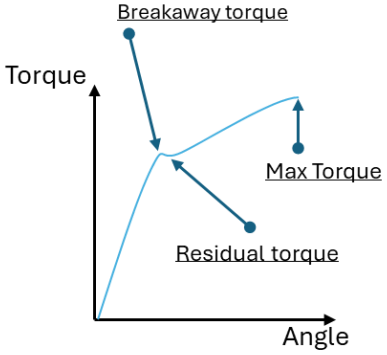


Core Quality Control strategies

Torque at angle (Just move)



Residual torque detection



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Core Features	Auditor
Tightening Pset strategies	
Torque control	✓
Torque control / Angle Monitoring	✓
Angle control / Torque monitoring	In Progress
Quality strategy	
Torque at angle (Just Move)	✓
Residual torque detection	✓
Free modes	
Track mode	✓
Peak mode	✓
Memory	
Pset / Tightening setups	99
Results storage	10,000
Calibration Self-check by Usage & Date	✓
Human interface	
Large OLED screen	✓
Buzzer	✓
Vibration feedback	Optional
Data Collection	
USB with PC Software (FRANK)	✓
Bluetooth LE and SPP	Optional
Charging	
Directly via USB-C	✓
with External charger	✓

Optional

BT	EF
Wireless	*Extra feedback*
Two-way Bluetooth	EF' Vibrating feedback

Examples;
- TXW135ABT: Torque & Angle wrench with Bluetooth
- TXW135A-EF: Torque & Angle wrench with vibration
- TXW135ABT-EF: Torque & Angle wrench with Bluetooth & vibration

Units: Nm, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m
Languages: English, German, French, Spanish, Italian, Russian, Polish, Portuguese, Chinese

Power:

A Single Lithium-ion cell ref. 21700 is required for X-Gen wrenches. (not included with the product)

Cell can be charged directlty over USB-C or removed and charged offline (charger not included)



SMART + EASY
Packed full of intelligent features. Easy to master

LIGHT+DURABLE
Suitable for rugged conditions. Ergonomically designed for repetitive use

CLEAR+DISTINCT
Bright OLED display with progress bar & buzzer for pass/fail signalling

TRACEABLE
Transfer data via USB as Standard or inquire about potential wireless options

Digital Torque wrenches	Specifications			
Models	N.m	Ratchet (Drive)	Length (mm)	Weight (Kg)
TXW010A	1 - 10	1/4"(9X12)	450	1.2
TXW020A	2 - 20			
TXW050A	5 - 50	3/8"(9X12)		
TXW135A	13.5 - 135			
TXW200A	20 - 200	1/2" (14x18)	660	1.65
TXW340A	34 - 340			
TXW1000A	100 - 1000	3/4" (24x32)	1375	6.35
TXW2000A	200 - 2000	1" (27x36)	1600	8.2