



AWP

Your Assembly Workspace Partner



Visual Guidance Solution

Connect your production tool to a powerful software



Digital Torque & Angle wrench

From 1 Nm to 2 000 Nm



Digital Torque & Angle click wrench

From 20 Nm to 1 000 Nm



Digital Torque screwdriver

From 0.05 Nm to 10 Nm



Torque Checker CT

From 2 Nm to 1 500 Nm



Quality controller SCS and Static transducer ST

From 0.05 Nm to 2 000 Nm



Visual Guidance Solution HaltecGo

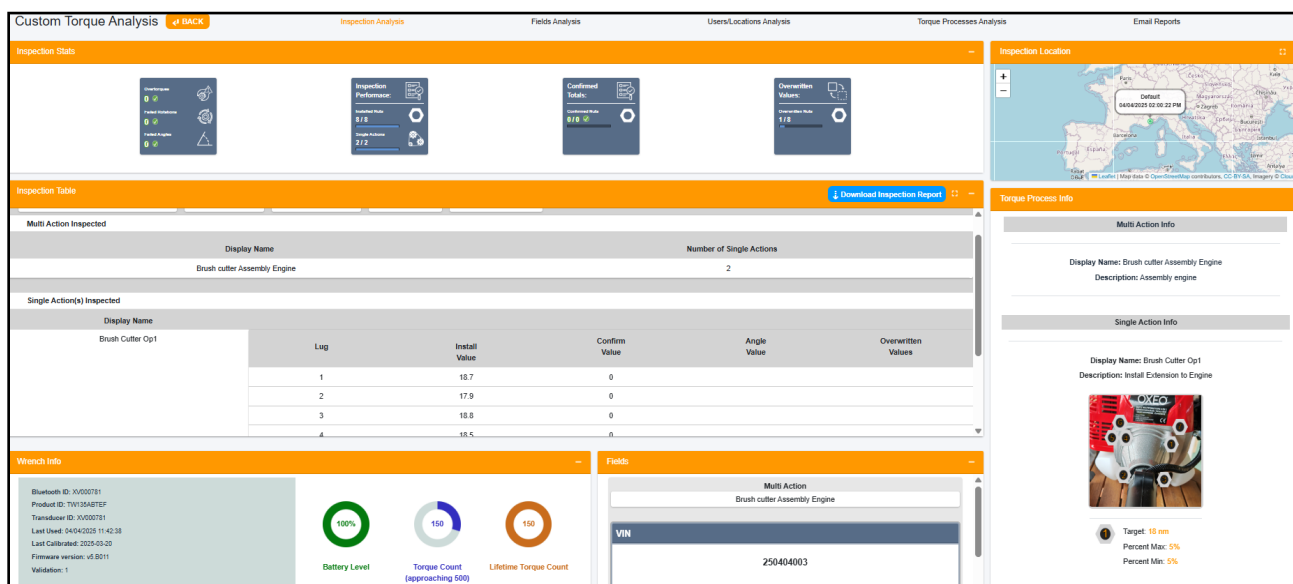
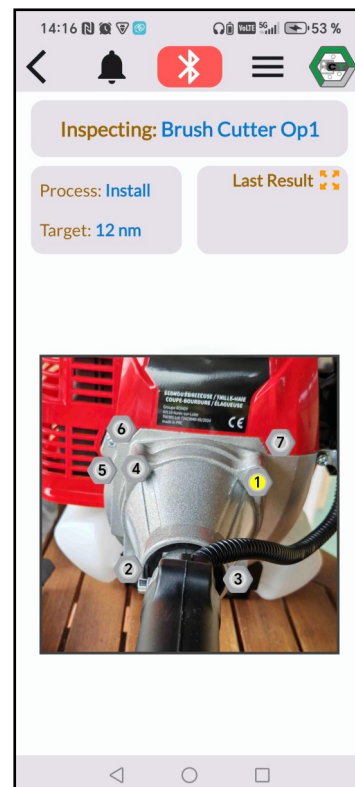
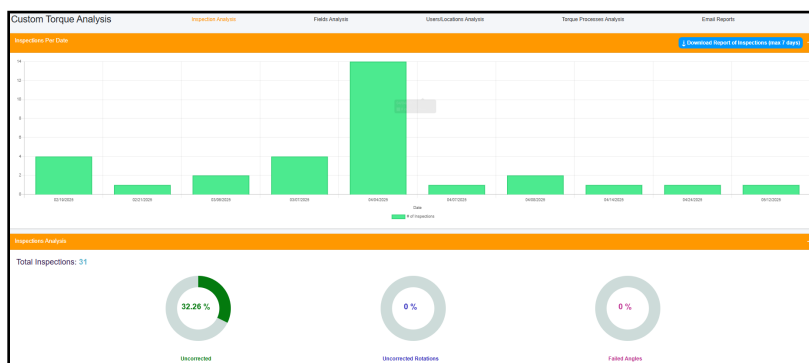
For Android & IOS

Simple to use, global data acquisition & ergonomic software to ensure the traceability of your process

Application running on IOS and Android device

- Collect all data with your VIN.
- Enhance your report with User ID, Asset, location, ect.
- Configure your product process or audit.
- Safeguard each tightening with angle monitoring.
- Securely store all data in organization wide cloud Database.
- Set alarms for compliance of calibration.

Web application to see the results, statistical analysis





Digital Torque & Angle wrenches with wireless communication

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

- From 1 N.m to 2000 N.m we have the right tool to assemble or test your product.
- Accuracy of +/- 0.5% F.S and +/- 1% of actual value, to meet stringent requirements.
- Large OLED screen & Buzzer to enable precise torque control.
- Ergonomic, robust, reliable, the perfect tool for your production line.
- Smart and easy to use. Simple setup and operation.
- Designed for Industry 4.0 with the wireless communication options for data traceability.
- Up to 180 hrs with a standard battery.



Use PCFE software with USB connection to:



- Collect results & export to excel
- Backup & restore
- Activate Calibration mode



Bluetooth Solutions

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

Option 1: Integrate the BMS protocol to your software & system.

Option 2: Connect to BMS Custom-Torque software application for iOS and Android



Tool compliance made simple

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



Core Features		Auditor	Super
Tightening strategies			
	Torque control	✓	✓
	Torque control / Angle Monitoring	✓	
Quality strategy			
	Torque at angle	✓	
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 PCFE Software	✓	✓
	Bluetooth LE		Optional

Required			Optional	
TW	100	A	BT	EF
Tool type	Max Torque	Model	Wireless	Extra feedback
TW = Digital Torque Wrench	Nm	S=Super A=Auditor	Two-way Bluetooth	EF: Vibrating feedback

Examples;

- TW100ABT: Torque & Angle wrench with Bluetooth
- TW100S-EF: Torque wrench with vibration
- TW100ABT-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 & Communications
Standard wrenches are supplied with 4 * AA batteries. USB cable & PC software included with product. 2 * Lithium-ion cells are required where an EF wrench is selected. These are not included with the product.
Lithium-ion charger: BCH-LI
2 * Lithium-ion BLT-18650



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			
Auditor	Super	N.m	Ratchet (Drive)	Length (mm)	Weight (Kg)
TW010A	TW010S	1 - 10	1/4" or 3/8"	410	0.85
TW020A	TW020S	2 - 20	(9X12)		
TW050A	TW050S	5 - 50	3/8"		
TW100A	TW100S	10 - 100	(9X12)		
TW135A	TW135S	13.5 - 135	1/2"	625	1.3
TW200A	TW200S	20 - 200	(14X18)		
TW340A	TW340S	34 - 340	3/4"	1360	6
TW600A	TW600S	60 - 600	(24X32)		
TW800A	TW800S	80 - 800	3/4" or 1"	1360	6
TW1000A	TW1000S	100 - 1000	(24X32)		
TW1500A	TW1500S	150 - 1500	1"		
TW2000A	TW2000S	200 - 2000	(27X36)	1600	8



TW135



TW340



TW1000



TW2000



Digital Torque & Angle click & break wrenches

with wireless communication

Improve productivity & control the tightening process
using digital clicking or breaking style wrenches

- From 20 N.m to 1,000 N.m we have the right tool to assemble your product.
- Accuracy of +/- 1% of actual value to meet stringent requirements.
- Click repeatability and Break repeatability of +/- 4% of actual reading.
- Large OLED screen & Buzzer to enable precise torque control.
- Ergonomic, robust, reliable, the perfect tool for your production line.
- Smart and easy to use. Simple setup and operation.
- Designed for Industry 4.0 with the wireless communication options for data traceability.
- Click angle of 5° and break angle of 20°



Use PCFE software with USB connection to:



- Collect results & export to excel
- Backup & restore



Bluetooth Solutions

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

Option 1: Integrate the BMS protocol to your software & system.

Option 2: Connect to BMS Custom-Torque



Tool compliance made simple

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



Core Features		Auditor	Super
Tightening strategies			
	Click Torque	✓	✓
	Peak Torque	✓	✓
	Click Torque with angle monitoring	✓	
	Peak torque with angle monitoring	✓	
Free modes			
	Track mode	✓	✓
	Peak mode	✓	✓
Memory			
	Pset / Tightneing operation		99
	Results storage		10 000
	Calibration Self-check by Usage & Date	✓	✓
Human interface			
	Large OLED screen	✓	✓
	Buzzer	✓	✓
Data Collection			
	USB with PCFE Software	✓	✓
	Bluetooth LE		Optional

Required		
SB	1000	S
Tool type	Max Torque	Model
Smart-Break wrench	Nm	S=Super A=Auditor
SC	160	S
Tool type	First-Peak Max	Model
Smart-Click wrench	Nm	S=Super A=Auditor

Optional
BT
Wireless
Two-way Bluetooth

Examples;

- SC160ABT: Torque & Angle click wrench with Bluetooth
- SC160S: Torque click wrench
- SB1000A: Torque & Angle break wrench

Units: Nm, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m

Languages: English, German, French, Spanish, Italian, Russian, Polish, Portuguese, Chinese

Power & Communications
Smart-Click wrenches require 2 * 14500 protected Li-Ion cells USB cable & PC software included with product
Lithium-ion charger: BCH-LI
Pack of 2 * Lithium-ion BLT-14500
The Lithium-Ion cells are not included with the product and should be purchased separately.



TRACEABLE

Transfer data via USB to the windows software, upgrade to Bluetooth & integrate protocol or connect with Android &

SMART & EASY

Packed full of intelligent features. Easy to master

CLEAR & DISTINCT

Distinct break-over or click, bright OLED display, progress bar & buzzer for pass/fail signalling

FAMILIAR & ADVANCED

The familiar feel and efficiency of a breaking or click wrench with the traceability of a digital wrench

Digital Click/break wrenches		Specifications			
Auditor	Super	N.m	Ratchet (Adapter)	Length (mm)	Weight (Kg)
SC065A	SC065S	20 - 65	3/8" (9X12)	400	1
SC160A	SC160S	40 - 160	1/2" (14X18)	515	1.4
SB1000A	SB1000S	300 - 1000	1"	1370	8.8





Digital Torque Screwdrivers

with wireless communication



Developed for low torque applications, this screwdriver will ensure the right torque is applied while providing data traceability



- From 0.05 N.m to 10 N.m we have the right tool to assemble or test your product.
- Accuracy of +/- 1% of actual value to meet stringent requirements.
- Large OLED screen & Buzzer to enable precise torque control.
- Ergonomic, robust, reliable, the perfect tool for your production line.
- Smart and easy to use. Simple setup and operation.
- Designed for Industry 4.0 with the wireless communication options for data traceability.
- Up to 180 hrs with a standard battery.



Use PCFE software with USB connection to:



- Collect results & export to excel
- Backup & restore
- Activate Calibration mode



Bluetooth Solutions

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

Option 1: Integrate the BMS protocol to your software & system.

Option 2: Connect to BMS Custom-Torque



Tool compliance made simple

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



Core Features		Super
Tightening strategies	Torque control	✓
Free modes	Track mode	✓
	Peak mode	✓
Memory	Pset / Tightening operation	99
	Results storage	10 000
	Calibration Self-check by Usage & Date	✓
Human interface	Large OLED screen	✓
	Buzzer	✓
Data Collection	USB with PCFE Software	✓
	Bluetooth LE	Optional

Required			Optional
MS	350	S	BT
Tool type	Max Torque	Model	Wireless
MS(Micro) / MST(With lever)	cNm for MS / Nm for MST	S=Super	Two-way Bluetooth

Examples;

- MS350SBT: Torque screwdriver with Bluetooth
- MS350S : Torque screwdriver

Units: Nm, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m

Languages: English, German, French, Spanish, Italian, Russian, Polish, Portuguese, Chinese

Power & Communications
Digital screwdrivers use 4 * AA batteries.
USB cable & PC software included with product
One set of AA batteries will be provided with each product ordered



SMART & EASY
Packed full of intelligent

LIGHT & COMPACT
3-position ratchet for optimum control



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



TRACEABLE
Transfer data via USB to Windows software, upgrade to Bluetooth & integrate protocol or connect with Android and iOS software

Digital Torque	Specifications		
Models	N.m	Drive	Accessory
MS050S	0.05 - 0.5	1/4" Sq	
MS150S	0.15 - 1.5		
MS200S	0.2 - 2		
MS350S	0.35 - 3.5		
MST005S	0.5 - 5		Torque Lever
MST010S	1 - 10		

MS***S



MST***S





Torque Checker CT

with wireless communication

The perfect device to check the setting and calibration of your wrenches from 2 Nm to 1 500 Nm with high level of accuracy

- From 2 N.m to 1 500 N.m we have the right quality device to validate all your wrenches.
- Accuracy of +/- 1% of actual value to meet stringent requirements.
- Large OLED screen & Buzzer to enable precise torque control.
- Ergonomic, robust, reliable, the perfect tool for your Quality department.
- Smart and easy to use. Simple setup and operation.
- Designed to fulfil your tool validation requirements before use in production.
- Power via USB



Use PCFE software with USB connection to:



- Collect results & export to excel
- Backup & restore
- Activate Calibration mode



Bluetooth Solutions

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

Option 1: Integrate the BMS protocol to your software & system.

Option 2: Connect to BMS Go Torque software



Tool compliance made simple

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



Core Features	Super
Quality check strategies	
Click-Torque (1st & 2nd peak)	✓
Peak torque	✓
Free modes	
Track mode	✓
Peak mode	✓
Memory	
Pset / Tightening operation	99
Results storage	10,000
Calibration Self-check by Usage & Date	✓
Data Collection	
USB with PCFE Software	✓
Bluetooth LE	Optional
For wrenches and power tools except Pulse	

Required		Optional
CT	1000	BT
Tool type	Max Torque	Wireless
Compact Tester	Nm	Two-way Bluetooth

Examples;

- CT135BT: Torque tester 135 N.m with bluetooth LE
- CT135: Torque tester 135 N.m

Units: Nm, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m

Languages: English, German, French, Spanish, Italian, Russian, Polish, Portuguese, Chinese

Power & Communications
Torque Checkers are provided with USB cable for power & data transfer
Each Torque Checker will be supplied with an EU, UK or US USB power plug.



TOOL VALIDATION

Perform periodic checks to confirm wrenches are working within tolerance

TRAINING ASSIST

Review user follow-through with both 1st & 2nd Peak in Click-Torque mode

ROBUST & PRECISE

Advanced materials suitable for rigorous use and highly accurate testing

TRACEABLE

Transfer data via USB to Windows software, upgrade to Bluetooth & integrate protocol or connect with Android and iOS software options.

Torque Tester	Specifications		
Models	N.m	Drive	W*L*H (cm)
CT020	2 - 20	1/4"	16.5*15*9
CT050	5 - 50	3/8"	
CT135	13.5 - 135		
CT200	20 - 200	1/2"	
CT340	34 - 340		
CT1000	100 - 1000	1"	
CT1500	150 - 1500		



Quality controller SCS and Static transducer ST

with wireless communication

Flexibility, accuracy, reliability. Connect this controller to static transducers from 0.05Nm to 2 000 Nm

- From 0.05 N.m to 2000 N.m we have the right quality device to test all your production tools.
- Accuracy of +/- 0.5% of actual value to meet stringent requirements.
- Large OLED screen & Buzzer to enable precise torque control.
- Ergonomic, robust, reliable, the perfect tool for your Quality department.
- Smart and easy to use. Simple setup and operation.
- Designed to fulfil the requirements of ISO6789-1 and ISO5393 with a mechanical joint simulator.
- Up to 180 hrs with a standard battery or power via USB.



Use PCFE software with USB connection to:



- Collect results & export to excel
- Backup & restore
- Activate Calibration mode



Bluetooth Solutions

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

Option 1: Integrate the BMS protocol to your software & system.

Option 2: Connect to BMS Custom-Torque



Tool compliance made simple

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

