



Summary Brochure 2024



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CLASSIC STYLE DIGITAL TORQUE WRENCHES

- Maximum recorded error +/-1% of reading
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units; cN.m, N.m, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m



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

Choose the correct Series...

Core Features

	Auditor	Super
Presets	99 (Torque & Angle)	99 (Torque)
Memory capacity (Stored results)	10,000	10,000
Torque Counter	Yes	Yes
Residual torque check (Just Move)	Yes	-
Track & Peak modes	Yes	Yes

Bonus features

On-board Device Info mode	Yes	Yes
AA and Li-Ion options available	Yes	Yes
Bluetooth upgrade option available	Yes	Yes
Customisation on request	Yes	Yes



Tool Compliance
Control calibration period and also volume of torque applications allowed between validations/calibrations

Understand the naming convention

Required		
TW	100	A
Tool type	Max Torque	Model
TW = Digital Torque Wrench	Nm	S=Super A=Auditor

Optional	
BT	EF
Wireless	Extra feedback
Two-way Bluetooth	EF: Vibrating feedback



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" (9X12)		
TW100A	TW100S	10-100			
TW135A	TW135S	13.5-135			



Digital Torque Wrenches		Specifications			
Auditor	Super	N.m	Ratchet (Drive)	Length (mm)	Weight (Kg)
TW200A	TW200S	20-200	1/2" (14x18)	625	1.3
TW340A	TW340S	34-340			

See Customisation options. Here the ratchet head is perpendicular to the OLED.



Digital Torque Wrenches		Specifications			
Auditor	Super	N.m	Ratchet (Drive)	Length (mm)	Weight (Kg)
TW600A	TW600S	60-600	3/4" (24X32)	1250	4
TW800A	TW800S	80-800	3/4" (default)	1360	6
TW1000A	TW1000S	100-1000	/1"		



Digital Torque Wrenches		Specifications			
Auditor	Super	N.m	Ratchet (Drive)	Length (mm)	Weight (Kg)
TW1500A TW2000A	TW1500S TW2000S	150-1500 200-2000	1" (27X36)	1600	8

+ Wireless Upgrade - Two-way (Bluetooth)	+ Vibration enhanced Upgrade
Two-way wireless wrench upgrade: TW****BT	Vibrating handle: TW****-EF
 <p>TW010SBT</p>	 <p>TW340S-EF</p>

Note. Bluetooth products come with Batch Capture bluetooth software for Windows. BMS can share the Bluetooth messaging protocol on request.

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

Customisation options on request
1. Contact us if you don't see the torque range you require.
2. Wrenches are supplied with the ratchet inline with the ratchet head. It is possible to request a perpendicular assembly.

SMART-CLICK DIGITAL CLICK WRENCHES

- Maximum recorded error +/-1% of actual reading
- Click repeatability of +/- 4% of actual reading
- Capture First peak and ensure minimum torque reached
 - Capture Installed torque for full traceability
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units; cN.m, N.m, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m



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



CLEAR & DISTINCT
Distinct mechanical click, bright OLED display, progress bar & buzzer for pass/fail signalling

FAMILIAR & ADVANCED
The familiar feel and efficiency of a click wrench with the traceability of a digital wrench



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

Choose the correct Series...

Core Features

Click-Torque (1st Peak Preset)
Installed-Torque (2nd Pk Preset)
Memory capacity (Stored results)
Torque Counter
Includes click adjustment key
Track Mode

Auditor

99 (Torque & Angle)
99 (Torque & Angle)
10,000
Yes
Yes
Yes

Super

99 (Torque)
99 (Torque)
10,000
Yes
Yes
Yes

Bonus features

On-board Device Info mode
Bluetooth upgrade option available

Yes
Yes

Yes
Yes



Tool Compliance

Control calibration period and also volume of torque applications allowed between validations/calibrations

Understand the naming convention

Required		
SC	160	S
<i>Tool type</i>	<i>First-Peak Max</i>	<i>Model</i>
Smart-Click wrench	Nm	S=Super A=Auditor

Optional
BT
<i>Wireless</i>
Two-way Bluetooth



Smart-Click Digital Click Wrenches		Specifications			
Auditor	Super	Adjustable Click (N.m)	Ratchet (Drive)	Length (mm)	Weight (Kg)
SC065A	SC065S	20-65	3/8" (9x12)	400	1

Note. Calibrated 10-100Nm with click point adjustable between 20-65N.m



Smart-Click Digital Click Wrenches		Specifications			
Auditor	Super	Adjustable Click (N.m)	Ratchet (Drive)	Length (mm)	Weight (Kg)
SC160A	SC160S	40-160	1/2" (14x18)	515	1.4

Note. Calibrated 20-200Nm with click point adjustable between 40-160N.m

+ Wireless Upgrade - Two-way (Bluetooth)
Two-way wireless wrench upgrade: SC****BT

SC065SBT

Note. Upgrade to Bluetooth & integrate protocol or connect with Android and iOS software options.

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.



SMART-BREAK DIGITAL BREAKING WRENCHES

- Maximum recorded error +/- 1% of actual reading
- Breaking repeatability of +/- 4% of actual reading
 - Breaking angle of 20 degrees
- Capture Installed torque for full traceability
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units: N.m, lbf.ft.



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

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

FAMILIAR & ADVANCED
The familiar feel and efficiency of a breaking wrench with the traceability of a digital wrench



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

Choose the correct Series...

Core Features

	Auditor	Super
Presets	99 (Torque & Angle)	99 (Torque)
Memory capacity (Stored results)	10,000	10,000
Torque Counter	Yes	Yes
Residual torque check (Just Move)	Yes	-
Track & Peak modes	Yes	Yes

Bonus features

On-board Device info mode	Yes	Yes
Bluetooth upgrade option available	Yes	Yes



Tool Compliance
Control calibration period and also volume of torque applications allowed between validations/calibrations

Understand the naming convention

Required		
SB	1000	S
Tool type	Max Torque	Model
Smart-Break wrench	Nm	S=Super A=Auditor

Optional
BT
Wireless
Two-way Bluetooth



Smart-Break Digital Breaking Wrenches		Specifications			
Auditor	Super	Adjustable Break (N.m)	Ratchet (Optional)	Length (mm)	Weight (Kg)
SB1000A	SB1000S	300-1000	1" (3/4")	1370	8.8

Note. Calibrated 100-1000Nm with break point adjustable between 300-1000N.m

+ Wireless Upgrade - Two-way (Bluetooth)
Two-way wireless wrench upgrade: SB****BT

SB1000SBT

Note. Upgrade to Bluetooth & integrate protocol or connect with Android and iOS software options.

Power & Communications
Smart-Break wrenches use 1 * 18650 protected Li-Ion cell
USB cable & PC software included with product
Lithium-ion charger: BCH-LI
Single Lithium-ion BLT-18650
The Lithium-Ion cell and charger are not included with the product and should be purchased separately.



Mechanical Breaking Wrench	Specifications			
	Adjustable Break (N.m)	Ratchet (Optional)	Length (mm)	Weight (Kg)
MBW1000	300-1000	1" (3/4")	1370	8.8

DIGITAL TORQUE SCREWDRIVERS

- Maximum recorded error +/- 1% of actual reading
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units; cN.m, N.m, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m



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

Choose the correct Series...

Core Features	Super
Torque Presets	99
Memory capacity (Stored results)	10,000
Torque Counter	Yes
Track & Peak Modes	Yes
Bonus features	
On-board Device Info mode	Yes
Bluetooth upgrade option available	Yes
Customisation on request	Yes



Tool Compliance
Control calibration period and also volume of torque applications allowed between validations/calibrations

Understand the naming convention

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

			
MS - Digital Torque Screwdrivers		Specifications	
Super	cN.m	Drive	Accessory
MS050S	5-50	1/4"	1/4" SQ ratchet
MS150S	15-150		
MS200S	20-200		
MS350S	35-350		


Optional protective case with foam insert
MSBMC

			
MST - Digital Torque Screwdrivers		Specifications	
Super	cN.m	Drive	Accessory
MST005S	.5-5Nm	1/4" SQ	1/4" ratchet + lever
MST010S	1-10Nm		

+ Wireless Upgrade - Two-way (Bluetooth)	
Two-way wireless wrench upgrade: MS/MST***SBT	
	
MST010SBT	

Note. Upgrade to Bluetooth & integrate protocol or connect with Android and iOS software options.

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

BENCH MOUNTED TORQUE CHECKERS

- Maximum recorded error +/-1% of actual reading
- Capture 1st & 2nd Peak of click wrenches with Click Torque mode
- Capture final peak of hand-driven manual wrenches with Installed Torque (e.g. digital, click, slipping & breaking types)
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units; cN.m, N.m, lbf.in, lbf.ft



CT1000 operating in foot pounds showing a Click-Torque mode result of 530.0 for First peak and 545.0 for final peak.

User can store up to 10,000 results

4 button easy to use interface & full colour OLED screen

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.

Choose the correct Series...

Core Features	Super
Torque Presets	99
Memory capacity (Stored results)	10,000
Torque Counter	Yes
Click-Torque (1st & 2nd Peak Preset)	99
Installed Torque (2nd Peak Preset)	99
Bonus features	
On-board Device Info mode	Yes
Bluetooth upgrade option available	Yes

Understand the naming convention...

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

Smart Transducer	Specifications		
Models	N.m	Socket	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		
CT340	34-340	1/2"	
CT1000	100-1000	1"	
CT1500	150-1500		



+ Wireless Upgrade - Two-way (Bluetooth)
Two-way wireless wrench upgrade: CTBT

CT1000BT

Note. Upgrade to Bluetooth & integrate protocol or connect with Android and iOS software options.

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.

DIGITAL TORQUE TESTERS

- Maximum recorded error of 1% of actual reading from 10%-20% of stated range
- Maximum recorded error of 0.5% of actual reading from 20%-100% of stated range
 - Capture First Peak (Click Torque) & Second Peak (Installed Torque)
 - SCS and Smart Transducers are interchangeable
- Test continuous drive tools (Max. 1200rpm) and hand-driven tools (e.g. digital, click, slipping & breaking)
- Languages; English, Chinese, French, German, Italian, Polish, Portuguese, Russian, Spanish
- Units; cN.m, N.m, ozf.in, lbf.in, lbf.ft, kgf.cm, kgf.m



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

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

ROBUST & ACCURATE
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.

Choose the correct Series...

Core Features

Torque Presets
Memory capacity (Stored results)
Torque Counter
Click-Torque (First-Peak Preset)
Installed Torque (2nd Peak Preset)

Bonus features

On-board Device Info mode
Bluetooth upgrade option available

Super

99
10,000
Yes
Yes
Yes



Tool Compliance
Control calibration period and also volume of torque applications allowed between validations/calibrations

Understand the naming convention...

Required	
ST	10
Tool type	Max Torque
Modular Smart-Transducer	Nm

Smart-Transducer

Required	Optional
SCS	BT
Tool type	Wireless
Smart-Controller Series	Two-way Bluetooth

Smart Controller

Smart Transducer	Specifications			
Models	(cN.m)/	Socket	Height	Weight (Kg)
ST0.5	(5-50)	1/4"	75	0.72
ST1.5	(15-150)			
ST002	(20-200)			
ST3.5	(35-350)			
ST005	(50-500)			
ST010	1-10			
ST020	2-20	3/8"	120	1.2
ST050	5-50			
ST100	10-100			
ST135	13.5-135	1/2"	135	1.6
ST200	20-200			
ST340	34-340	3/4"	147	2.8
ST600	60-600			
ST800	80-800	3/4"	177	3.8
ST1000	100-1000			
ST1500	150-1500	1"	177	3.8
ST2000	200-2000			



Note. Upgrade to Bluetooth & integrate protocol or connect with Android and iOS software options.

Power & Communications
Digital Testers use 4 * AA batteries.
USB cable & PC software included with product
One set of batteries is included with each SCS