



## Summary Brochure 2024



CLASSIC DIGITAL WRENCHES Pg 2-4



DIGITAL CLICK WRENCHES Pg 5-6



BREAKING WRENCHES Pg 7-8



DIGITAL TORQUE SCREWDRIVERS Pg 9-10



BENCH MOUNTED TORQUE CHECKERS Pg 11-12



DIGITAL TORQUE TESTERS Pg 13-14

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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

Presets  
Memory capacity (Stored results)  
Torque Counter  
Residual torque check (Just Move)  
Track & Peak modes

#### Auditor

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

#### Super

99 (Torque)  
10,000  
Yes  
-  
Yes

#### Bonus features

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

Yes  
Yes  
Yes  
Yes

Yes  
Yes  
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" (9X12)	410	0.85
TW020A	TW020S	2-20			
TW050A	TW050S	5-50			
TW100A	TW100S	10-100	3/8" (9X12)		
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
 TW010SBT	 TW340S-EF

*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: <b>BCH-LI</b>
2 * Lithium-ion <b>BLT-18650</b>

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
Tool type	First-Peak Max	Model
Smart-Click wrench	Nm	S=Super A=Auditor

Optional
BT
Wireless
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: <b>BCH-LI</b>
Pack of 2 * Lithium-ion <b>BLT-14500</b>
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

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

#### Super

99 (Torque)
10,000
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)
<b>SB1000A</b>	<b>SB1000S</b>	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

<b>SB1000SBT</b>

*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: <b>BCH-LI</b>
Single Lithium-ion <b>BLT-18650</b>
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)
	<b>MBW1000</b>	300-1000	1" (3/4")	1370	8.8



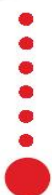
## DIGITAL TORQUE SCREWDRIVERS

- 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		
MS	350	S
Tool type	Max Torque	Model
MS(Micro) / MST(With lever)	cNm for MS / Nm for MST	S=Super

Optional
BT
Wireless
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
<b>MSBMC</b>

			
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	
	
<b>MST010SBT</b>	

*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
<b>CT</b>	<b>1000</b>	<b>BT</b>
Tool type	Max Torque	Wireless
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		
CT1000	100-1000		
CT1500	150-1500	1"	



<b>+ Wireless Upgrade - Two-way (Bluetooth)</b>
Two-way wireless wrench upgrade: CTBT

<b>CT1000BT</b>

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

<b>Power &amp; Communications</b>
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			
ST200	20-200	1/2"	135	1.6
ST340	34-340			
ST600	60-600	3/4"	147	2.8
ST800	80-800	1"	177	3.8
ST1000	100-1000			
ST1500	150-1500			
ST2000	200-2000			




<b>+ Wireless Upgrade - Two-way (Bluetooth)</b>
Two-way wireless wrench upgrade: <b>SCSBT</b>

<b>ST600 + SCSBT</b>

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

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