



THE TECHNOLOGY LEADER IN TORQUE TOOLS



**NEW  
PRODUCT**



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Designed  
Developed  
Manufactured

## Introduction

For over 30 years, BMS has been an industry leader in the design, development and manufacture of technology based industrial products.

We are recognized by our customers as a leading innovator in our chosen technologies and have a reputation for consistently exceeding their expectations. Our belief in finding technological solutions for our target markets has propelled the company into continued research and development investment, resulting in leading edge state of the art products for our customers.

We also believe in working with our customers to develop solutions that are not available off-the-shelf from other manufacturers. Our R&D team of engineers, scientists, and technicians are amongst the most respected in our industry and we routinely push the boundaries of new technology development, setting the pace for our competition.



2011 National Overall award for best company of the year  
2011 National Award as Innovative company of the year



2010 National Award as Manufacturing company of the year.

## Controlled and Traceable Quality

All BMS IRELAND torque equipment are used to assess and improve the quality of our customers' products, therefore helping the customer to avoid costly mistakes and enabling them to benefit from the assurance that the products will perform satisfactorily over sustained periods.

BMS IRELAND place the utmost importance on Quality Control - both in the manufacture of our tools and in the testing and certification of all equipment that we supply.

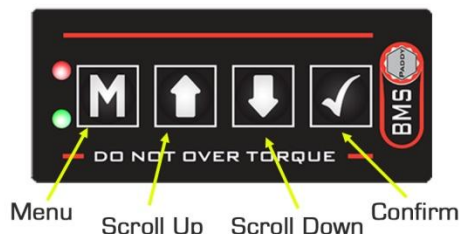
## International Standards

BMS IRELAND produced torque tools meet or exceed all International Standards.

**Market Edge**

**Simplified Control and Cutting Edge Graphics**

Easy to Use - Menu-Driven



Full Colour OLED Display  
170 degree Viewing Angle



**Wireless Technology**

- No Wires attached to product - Safety
- Secure Storage & Transmission of Data
- Full Traceability
- Real-time Data access
- Control Assembly Process
- Ergonomic, Lightweight
- Maximum Mobility
- Real time data access
- Long distance range
- Data sent - Serial No., Date & Time stamp, Mode of Operation, Preset Limits, Torque Value, Angle Value.



**NEW PRODUCT**

**Customisable products to suit your needs**


**Choose from...**

- Mechanical or Electronic Tools
- Production or Quality Control
- RS232, USB or Wireless
- BMS PC Software or PLC Comms
- The Torque Span for your needs
- A Range of Torque Accessories

**OR...**

The Research & design team at BMS can design and develop an extensive range of Specialised Electronic Torque solutions to suit your needs.

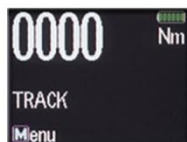
Key Features

- Easy to Use - Menu-Driven Platform
- Multiple Languages
- Wireless Option Available 
- Battery life - up to 180 hours
- Option to Customise
- Accuracy of  $\pm 1\%$  of Actual Reading from 10% - 100% of full Scale.
  - Angle accuracy of 1 degree
  - Torque Reading starts from 2% of full scale
- Viewing Angle - 170 degrees
- Multiple Units (cNm, Nm, Kgfm, KgfcM, ozins, lbins, lbft)



OLED Screenshots

Track Mode



Displays Actual Torque as applied

Preset Mode



Screen Changes Colour as Preset Torque is reached

Torque & Angle



View Torque & Angle simultaneously

Recall



Store & View 2000+ results or upload to PC or SPC

Choose from our 4 standard models or customize our Pro Model. . .

### EZ

- Modes: Date, Track, Peak, Set, Preset, Languages

- 1 Programmable Preset
- Calibration by Date

Model no.	TW010E	TW020E	TW050E	TW100E	TW135E
Torque Nm	1-10	2-20	5-50	10-100	13.5-135
Drive	1/4" - 3/8"	1/4" - 3/8"	3/8"	3/8"	3/8"
Length	410mm	410mm	410mm	410mm	410mm
Weight	0.85kg	0.85kg	0.85kg	0.85kg	0.85kg

Model no.	TW150E	TW200E	TW250E	TW300E	TW400E
Torque Nm	15-150	20-200	25-250	30-300	40-400
Drive	1/2"	1/2"	1/2"	1/2"	1/2"
Length	625mm	625mm	625mm	625mm	625mm
Weight	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg

### PRO

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Clear, Languages

- 1 Programmable Preset
- Calibration by Date
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel SPC Output

Wireless Option

Model no.	TW010P	TW020P	TW050P	TW100P	TW135P
Torque Nm	1-10	2-20	5-50	10-100	13.5-135
Drive	1/4" - 3/8"	1/4" - 3/8"	3/8"	3/8"	3/8"
Length	410mm	410mm	410mm	410mm	410mm
Weight	0.85kg	0.85kg	0.85kg	0.85kg	0.85kg

Model no.	TW150P	TW200P	TW250P	TW300P	TW400P
Torque Nm	15-150	20-200	25-250	30-300	40-400
Drive	1/2"	1/2"	1/2"	1/2"	1/2"
Length	625mm	625mm	625mm	625mm	625mm
Weight	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg

### SUPER

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Clear, Languages, Comms

- 99 Programmable Presets
- Calibration by Date or number of usages
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel, SPC Output
- PLC Communication with ASCII or Binary

Wireless Option

Model no.	TW010S	TW020S	TW050S	TW100S	TW135S
Torque Nm	1-10	2-20	5-50	10-100	13.5-135
Drive	1/4" - 3/8"	1/4" - 3/8"	3/8"	3/8"	3/8"
Length	410mm	410mm	410mm	410mm	410mm
Weight	0.85kg	0.85kg	0.85kg	0.85kg	0.85kg

Model no.	TW150S	TW200S	TW250S	TW300S	TW400S
Torque Nm	15-150	20-200	25-250	30-300	40-400
Drive	1/2"	1/2"	1/2"	1/2"	1/2"
Length	625mm	625mm	625mm	625mm	625mm
Weight	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg

### TORQUE/ANGLE JUST MOVE

- Modes: Date, Track, Peak, Just Angle, Set(Torque, Angle, Just Move) Preset, Recall, Upload, Clear, Languages, Comms

- 99 Programmable Presets
- Calibration by Date or number of usages
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel, SPC Output
- PLC Communication with ASCII or Binary


Wireless Option

Model no.	TAW010	TAW020	TAW050	TAW100	TAW135
Torque Nm	1-10	2-20	5-50	10-100	13.5-135
Drive	1/4" - 3/8"	1/4" - 3/8"	3/8"	3/8"	3/8"
Length	410mm	410mm	410mm	410mm	410mm
Weight	0.85kg	0.85kg	0.85kg	0.85kg	0.85kg

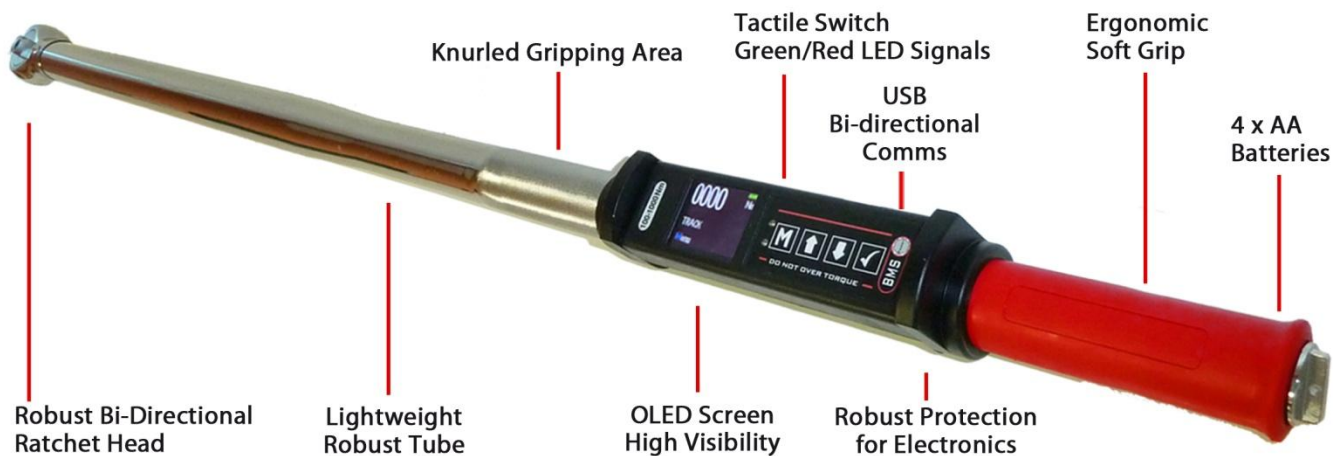
Model no.	TAW150	TAW200	TAW250	TAW300	TAW400
Torque Nm	15-150	20-200	25-250	30-300	40-400
Drive	1/2"	1/2"	1/2"	1/2"	1/2"
Length	625mm	625mm	625mm	625mm	625mm
Weight	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg



Key Features

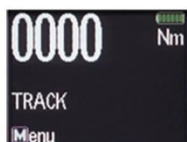
- Easy to Use - Menu-Driven Platform
- Multiple Languages
- Wireless Option Available 
- Battery life - up to 180 hours
- Option to Customise
- Accuracy of  $\pm 1\%$  of Actual Reading from 10% - 100% of full Scale.
  - Angle accuracy of 1 degree
  - Torque Reading starts from 2% of full scale
- Viewing Angle - 170 degrees
- Multiple Units (cNm, Nm, Kgfm, KgfcM, ozins, lbins, lbft)

**NEW**  
PRODUCT



OLED Screenshots

Track Mode



Displays Actual Torque as applied

Preset Mode



Screen Changes Colour as Preset Torque is reached

Torque & Angle



View Torque & Angle simultaneously

Recall



Store & View 2000+ results or upload to PC or SPC

Choose from our 4 standard models or customize our Pro Model...

		<b>EZ</b>	Model no.	<b>TW500E</b>	<b>TW600E</b>	<b>TW800E</b>
T O R Q U E - M A X			Torque Nm	50-500	60-600	80-800
			Drive	3/4"	3/4"	3/4"
			Length	1.2m	1.2m	1.2m
			Weight	4kg	4kg	4kg
			Model no.	<b>TW1000E</b>	<b>TW1500E</b>	<b>TW2000E</b>
			Torque Nm	100-1000	150-1500	200-2000
			Drive	3/4"	1"	1"
			Length	1.2m	1.4m	1.4m
			Weight	4kg	5.5kg	5.5kg

- Modes: Date, Track, Peak, Set, Preset, Languages
- 1 Programmable Preset
- Calibration by Date

		<b>PRO</b>	Model no.	<b>TW500P</b>	<b>TW600P</b>	<b>TW800P</b>
T O R Q U E - M A X			Torque Nm	50-500	60-600	80-800
			Drive	3/4"	3/4"	3/4"
			Length	1.2m	1.2m	1.2m
			Weight	4kg	4kg	4kg
			Model no.	<b>TW1000P</b>	<b>TW1500P</b>	<b>TW2000P</b>
			Torque Nm	100-1000	150-1500	200-2000
			Drive	3/4"	1"	1"
			Length	1.2m	1.4m	1.4m
			Weight	4kg	5.5kg	5.5kg

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Clear, Languages
- 1 Programmable Preset
- Calibration by Date
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel SPC Output

Wireless Option

		<b>SUPER</b>	Model no.	<b>TW500S</b>	<b>TW600S</b>	<b>TW800S</b>
T O R Q U E - M A X			Torque Nm	50-500	60-600	80-800
			Drive	3/4"	3/4"	3/4"
			Length	1.2m	1.2m	1.2m
			Weight	4kg	4kg	4kg
			Model no.	<b>TW1000S</b>	<b>TW1500S</b>	<b>TW2000S</b>
			Torque Nm	100-1000	150-1500	200-2000
			Drive	3/4"	1"	1"
			Length	1.2m	1.4m	1.4m
			Weight	4kg	5.5kg	5.5kg

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Clear, Languages, Comms
- 99 Programmable Presets
- Calibration by Date or number of usages
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel, SPC Output
- PLC Communication with ASCII or Binary


Wireless Option

		<b>TORQUE/ANGLE JUST MOVE</b>	Model no.	<b>TAW500</b>	<b>TAW600</b>	<b>TAW800</b>
T O R Q U E - M A X			Torque Nm	50-500	60-600	80-800
			Drive	3/4"	3/4"	3/4"
			Length	1.2m	1.2m	1.2m
			Weight	4kg	4kg	4kg
			Model no.	<b>TAW1000</b>	<b>TAW1500</b>	<b>TAW2000</b>
			Torque Nm	100-1000	150-1500	200-2000
			Drive	3/4"	1"	1"
			Length	1.2m	1.4m	1.4m
			Weight	4kg	5.5kg	5.5kg

- Modes: Date, Track, Peak, Just Angle, Set(Torque, Angle, Just Move) Preset, Recall, Upload, Clear, Languages, Comms
- 99 Programmable Presets
- Calibration by Date or number of usages
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel, SPC Output
- PLC Communication with ASCII or Binary

Wireless Option

Key Features

- Easy to Use - Menu-Driven Platform
- Multiple Languages
- Wireless Option Available 
- Smart & Interchangeable
- Option to Customise
- Accuracy of  $\pm 0.5\%$  of Actual Reading from 10% - 100% of full Scale.
  - Torque Reading starts from 2% of full scale
- Multiple Units (cNm, Nm, Kgfm, KgfcM, ozins, lbins, lbft)

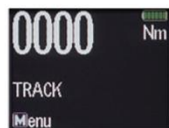


High-Strength Torque Transducer

Easy to Use Menu-Driven Control Box

Smart & Interchangeable Option

**Track Mode**



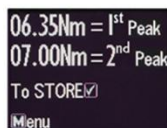
Displays Actual Torque as applied

**Preset Mode**



Screen Changes Colour as Preset Torque is reached

**Peak 1, 2**



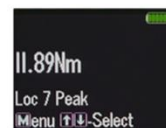
User can check mechanical click/break/slip Tool accuracy

**Run downs**



Use BMS range of RDA's to test dynamic tools

**Recall**



Store & View 2000+ results or upload to PC or SPC



For Testing of 'Micro-Torque' from 5cNm - 17Nm choose from an extensive range within our 3 standard models or customise our Pro Model ...

			TT0.5E	TT1.5E	TT002E	TT3.5E	
<b>M I C R O - T O R Q U E</b>	<b>EZ</b>	Set No.	TT0.5E	TT1.5E	TT002E	TT3.5E	
		Torque	5-50cNm	15-150cNm	20-200cNm	35-350cNm	
		Drive	1/4"	1/4"	1/4"	1/4"	
		Height	72mm	72mm	72mm	72mm	
		Weight	0.64kg	0.64kg	0.64kg	0.64kg	
		• Modes: Date, Track, Peak, Set, Preset, Languages	Set No.	TT005E	TT010E	TT015E	TT017E
		• 1 Programmable Preset	Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
		• Calibration by Date	Drive	1/4"	1/4"	1/4"	1/4"
			Height	72mm	72mm	72mm	72mm
			Weight	0.64kg	0.64kg	0.64kg	0.64kg

			TT0.5P	TT1.5P	TT002P	TT3.5P	
<b>M I C R O - T O R Q U E</b>	<b>PRO</b>	Set No.	TT0.5P	TT1.5P	TT002P	TT3.5P	
		Torque	5-50cNm	15-150cNm	20-200cNm	35-350cNm	
		Drive	1/4"	1/4"	1/4"	1/4"	
		Height	72mm	72mm	72mm	72mm	
		Weight	0.64kg	0.64kg	0.64kg	0.64kg	
		• Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages	Set No.	TT005P	TT010P	TT015P	TT017P
		• 1 Programmable Preset	Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
		• 2000+ Onboard Memory	Drive	1/4"	1/4"	1/4"	1/4"
		• Calibration by Date	Height	72mm	72mm	72mm	72mm
		• PC Software, Excel & SPC Output	Weight	0.64kg	0.64kg	0.64kg	0.64kg

Wireless Option

			TT0.5S	TT1.5S	TT002S	TT3.5S	
<b>M I C R O - T O R Q U E</b>	<b>SUPER</b>	Set No.	TT0.5S	TT1.5S	TT002S	TT3.5S	
		Torque	5-50cNm	15-150cNm	20-200cNm	35-350cNm	
		Drive	1/4"	1/4"	1/4"	1/4"	
		Height	72mm	72mm	72mm	72mm	
		Weight	0.64kg	0.64kg	0.64kg	0.64kg	
		• Modes: Date, Track, Peak, Peak 1 2, Dynamic, Set, Preset, Recall, Upload, Languages, Comms	Individual Transducer	ST0.5	ST1.5	ST002	ST3.5
		• 99 Programmable Presets	Set No.	TT005S	TT010S	TT015S	TT017S
		• 2000+ Onboard Memory	Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
		• Calibration by Date or Usages	Drive	1/4"	1/4"	1/4"	1/4"
		• PC Software, Excel & SPC Output	Height	72mm	72mm	72mm	72mm

Wireless Option

All models can be used in isolation and are also compatible with the BMS range of Torque Calibration Rigs. See Page 19.

For Testing of low to mid level torque: 1Nm - 400Nm, choose from an extensive range within our 3 standard models or customise our Pro Model ...

		Set No.	TT010E	TT020E	TT050E	TT100E	TT135E
T O R Q U E - C O N T R O L	<b>EZ</b>	Torque Nm	1-10	2-20	5-50	10-100	13.5-135
	<ul style="list-style-type: none"> <li>Modes: Date, Track, Peak, Set, Preset, Languages</li> <li>1 Programmable Preset</li> <li>Calibration by Date</li> </ul>	Drive	1/4"	1/4"	3/8"	3/8"	3/8"
		Height	72mm	72mm	90mm	90mm	90mm
		Weight	0.64kg	0.64kg	1.3kg	1.3kg	1.3kg
		Set No.	TT150E	TT100E	TT250E	TT300E	TT400E
	Torque Nm	15-150	20-200	25-250	30-300	40-400	
	Drive	1/2"	1/2"	1/2"	1/2"	1/2"	
	Height	105mm	105mm	105mm	105mm	105mm	
	Weight	1.3Kg	1.3Kg	1.3Kg	1.3Kg	1.3Kg	

		Set No.	TT010P	TT020P	TT050P	TT100P	TT135P
T O R Q U E - C O N T R O L	<b>PRO</b>	Torque Nm	1-10	2-20	5-50	10-100	13.5-135
	<ul style="list-style-type: none"> <li>Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages</li> <li>1 Programmable Preset</li> <li>2000+ Onboard Memory</li> <li>Calibration by Date</li> <li>PC Software, Excel &amp; SPC Output</li> </ul>	Drive	1/4"	1/4"	3/8"	3/8"	3/8"
		Height	72mm	72mm	90mm	90mm	90mm
		Weight	0.64kg	0.64kg	1.3kg	1.3kg	1.3kg
		Set No.	TT150P	TT100P	TT250P	TT300P	TT400P
	Torque Nm	15-150	20-200	25-250	30-300	40-400	
	Drive	1/2"	1/2"	1/2"	1/2"	1/2"	
	Height	105mm	105mm	105mm	105mm	105mm	
	Weight	1.3Kg	1.3Kg	1.3Kg	1.3Kg	1.3Kg	

Wireless Option

		Set No.	TT010S	TT020S	TT050S	TT100S	TT135S
T O R Q U E - C O N T R O L	<b>SUPER</b>	Torque Nm	1-10	2-20	5-50	10-100	13.5-135
	<ul style="list-style-type: none"> <li>Modes: Date, Track, Peak, Peak 1 2, Dynamic, Set, Preset, Recall, Upload, Languages, Comms</li> <li>99 Programmable Presets</li> <li>2000+ Onboard Memory</li> <li>Calibration by Date or Usages</li> <li>PC Software, Excel &amp; SPC Output</li> <li>PLC Comms with Ascii or Binary</li> <li>Individual Smart Control Box - Part No. 'SCB'</li> </ul>	Drive	1/4"	1/4"	3/8"	3/8"	3/8"
		Height	72mm	72mm	90mm	90mm	90mm
		Weight	0.64kg	0.64kg	1.3kg	1.3kg	1.3kg
		Individual Transducer	ST010	ST020	ST050	ST100	ST135
	Set No.	TT150S	TT200S	TT250S	TT300S	TT400S	
	Torque Nm	15-150	20-200	25-250	30-300	40-400	
	Drive	1/2"	1/2"	1/2"	1/2"	1/2"	
	Height	105mm	105mm	105mm	105mm	105mm	
	Weight	1.3Kg	1.3Kg	1.3Kg	1.3Kg	1.3Kg	
	Individual Transducer	ST150	ST200	ST250	ST300	ST340	

Wireless Option

All models can be used in isolation and are also compatible with the BMS range of Torque Calibration Rigs. See Page 19.

For Testing of High level torque: 50Nm - 2000Nm, choose from an extensive range within our 3 standard 'Torque-Max' models or customise our Pro Model ...

		Set No.	TT500E	TT600E	TT800E
<b>TORQUE-MAX</b>	<b>EZ</b>	Torque Nm	50-500	60-600	80-800
	• Modes: Date, Track, Peak, Set, Preset, Languages	Drive	3/4"	3/4"	3/4"
	• 1 Programmable Preset	Height	105mm	105mm	105mm
	• Calibration by Date	Weight	1.4kg	1.4kg	1.4kg
		Set No.	TT1000E	TT1500E	TT2000E
	Torque Nm	100-1000	150-1500	200-2000	
	Drive	3/4" or 1"	1"	1"	
	Height	115mm	178mm	198mm	
	Weight	1.7kg	1.8kg	1.8kg	


		Set No.	TT500P	TT600P	TT800P
<b>TORQUE-MAX</b>	<b>PRO</b>	Torque Nm	50-500	60-600	80-800
	• Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages	Drive	3/4"	3/4"	3/4"
	• 1 Programmable Preset	Height	105mm	105mm	105mm
	• 2000+ Onboard Memory	Weight	1.4kg	1.4kg	1.4kg
	• Calibration by Date	Set No.	TT1000P	TT1500P	TT2000P
	• PC Software, Excel & SPC Output	Torque Nm	100-1000	150-1500	200-2000
	<b>Wireless Option</b>	Drive	3/4" or 1"	1"	1"
		Height	115mm	178mm	198mm
		Weight	1.7kg	1.8kg	1.8kg

		Set No.	TT500S	TT600S	TT800S
<b>TORQUE-MAX</b>	<b>SUPER</b>	Torque Nm	50-500	60-600	80-800
	• Modes: Date, Track, Peak, Peak 1 2, Dynamic, Set, Preset, Recall, Upload, Languages, Comms	Drive	3/4"	3/4"	3/4"
	• 99 Programmable Presets	Height	105mm	105mm	105mm
	• 2000+ Onboard Memory	Weight	1.4kg	1.4kg	1.4kg
	• Calibration by Date or Usages	Individual Transducer	ST500	ST600	ST800
	• PC Software, Excel & SPC Output	Set No.	TT1000S	TT1500S	TT2000S
	• PLC Comms with Ascii or Binary	Torque Nm	100-1000	150-1500	200-2000
	• Individual Smart Control Box - Part No. 'SCB'	Drive	3/4" or 1"	1"	1"
	<b>Wireless Option</b>	Height	115mm	178mm	198mm
		Weight	1.7kg	1.8kg	1.8kg
	Individual Transducer	ST1000	ST1500	ST2000	

All models can be used in isolation and are also compatible with the BMS range of Torque Calibration Rigs. See Page 19.

**NEW PRODUCT**

Key Features

- Easy to Use - Menu-Driven Platform
- Wire-free
- Ergonomic design for finger touch Torque Control
- Multiple Languages
- Wireless Option Available 
- Option to Customise
- Accuracy of  $\pm 1\%$  of Actual Reading from 10% - 100% of full Scale.
  - Torque Reading starts from 2% of full scale
- Multiple Units (cNm, Nm, Kgfm, KgfcM, ozins, lbins, lbft)

**NEW**  
PRODUCT



- Robust Housing
- Soft-Grip Handle
- USB - Bidirectional
- 4 x AAA Batteries



- High-Vis OLED Screen
- Tactile switch, LED Warning
- 3 way Ratchet

OLED Screenshots

Track Mode



Displays Actual Torque as applied

Preset Mode



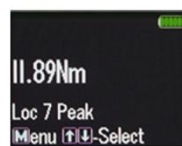
Screen Changes Colour as Preset Torque is reached

Torque & Angle



View Torque & Angle simultaneously

Recall



Store & View 2000+ results or upload to PC or SPC



Choose from our 4 New standard models or customize our Pro Model...

## EZ

- Modes: Date, Track, Peak, Set, Preset, Languages
- 1 Programmable Preset
- Calibration by Date

Model No.	HH005E	HH010E	HH015E	HH017E
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Length	200mm	200mm	200mm	200mm
Weight	.4kg	.4kg	.4kg	.4kg

## PRO

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages
- 1 Programmable Preset
- 2000+ Onboard Memory
- Calibration by Date
- PC Software, Excel & SPC Output

Wireless Option

Model No.	HH005P	HH010P	HH015P	HH017P
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Length	200mm	200mm	200mm	200mm
Weight	.4kg	.4kg	.4kg	.4kg

## SUPER

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages, Comms
- 99 Programmable Presets
- 2000+ Onboard Memory
- Calibration by Date or Usages
- PC Software, Excel & SPC Output
- PLC Comms with Ascii or Binary

Wireless Option

Model No.	HH005S	HH010S	HH015S	HH017S
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Length	200mm	200mm	200mm	200mm
Weight	.4kg	.4kg	.4kg	.4kg


## TORQUE/ANGLE JUST MOVE

- Modes: Date, Track, Peak, Just Angle, Set(Torque, Angle, Just Move) Preset, Recall, Upload, Clear, Languages, Comms
- 99 Programmable Presets
- Calibration by Date or number of usages
- 2000+ Onboard Measurement Memory
- PC Software, Windows Excel, SPC Output
- PLC Communication with ASCII or Binary

Wireless Option

Model No.	HA005	HA010	HA015	HA017
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Length	200mm	200mm	200mm	200mm
Weight	.4kg	.4kg	.4kg	.4kg

Key Features

- Easy to Use - Menu-Driven Platform
- Multiple Languages
- Wireless Option Available 
- Option to Customise
- Accuracy of  $\pm 1\%$  of Actual Reading from 10% - 100% of full Scale.
  - Torque Reading starts from 2% of full scale
- Multiple Units (cNm, Nm, Kgfm, KgfcM, ozins, lbins, lbft)



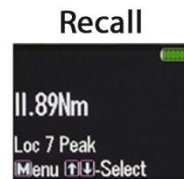
Easy to Use -  
Menu-Driven Control Box



Displays Actual Torque as applied



Screen Changes Colour as Preset Torque is reached



Store & View 2000+ results or upload to PC or SPC

For Precision Torque Verification or Assembly Choose from an extensive range within our 3 standard models or customise our Pro Model ...

## EZ

- Modes: Date, Track, Peak, Set, Preset, Languages
- 1 Programmable Preset
- Calibration by Date

Micro No.	MS050E	MS150E	MS200E	MS350E
Torque	5-50cNm	15-150cNm	20-200cNm	35-350cNm
Drive	1/4"	1/4"	1/4"	1/4"
Length	170mm	170mm	170mm	170mm
Weight	0.72Kg	0.72Kg	0.72Kg	0.72Kg

Standard No.	SS005E	SS010E	SS015E	SS017E
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Height	200mm	200mm	200mm	200mm
Weight	0.77Kg	0.77Kg	0.77Kg	0.77Kg

## PRO

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages
- 1 Programmable Preset
- 2000+ Onboard Memory
- Calibration by Date

• PC Software, Excel & SPC Output

**Wireless Option**

\* Wireless Transmission from Screwdriver Control Box to Wireless Receiver

Micro No.	MS050P	MS150P	MS200P	MS350P
Torque	5-50cNm	15-150cNm	20-200cNm	35-350cNm
Drive	1/4"	1/4"	1/4"	1/4"
Height	170mm	170mm	170mm	170mm
Weight	0.72Kg	0.72Kg	0.72Kg	0.72Kg

Standard No.	SS005P	SS010P	SS015P	SS017P
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Height	200mm	200mm	200mm	200mm
Weight	0.77Kg	0.77Kg	0.77Kg	0.77Kg

## SUPER

- Modes: Date, Track, Peak, Set, Preset, Recall, Upload, Languages, Comms
- 99 Programmable Presets
- 2000+ Onboard Memory
- Calibration by Date or Usages
- PC Software, Excel & SPC Output
- PLC Comms with Ascii or Binary

**Wireless Option**

\* Wireless Transmission from Screwdriver Control Box to Wireless Receiver

Micro No.	MS050S	MS150S	MS200S	MS350S
Torque	5-50cNm	15-150cNm	20-200cNm	35-350cNm
Drive	1/4"	1/4"	1/4"	1/4"
Height	170mm	170mm	170mm	170mm
Weight	0.72Kg	0.72Kg	0.72Kg	0.72Kg

Standard No.	SS005S	SS010S	SS015S	SS017S
Torque	50-500cNm	1-10Nm	1.5-15Nm	1.7-17Nm
Drive	1/4"	1/4"	1/4"	1/4"
Height	200mm	200mm	200mm	200mm
Weight	0.77Kg	0.77Kg	0.77Kg	0.77Kg

## Key Features

- Ergonomic Gripping Area
- High-Visibility Display Area
- Accuracy +/- 3% up to 500Nm +/-4% over 500Nm
- Special Key to Prevent Operator from adjusting Torque.
- Durable Adjusting Mechanism
- Skydrol Resistance
- Fixed Head & Interchangeable options available

**NEW  
PRODUCT**



- Choose Fixed Head or standard interchangeable type

- Easy adjustment: Pull out locking end-cap and turn handle to set desired torque. Locking the end cap secures the selected torque.

- Special Keys for Micro-adjustment & for preventing operator tampering with Set-Torque.



- Sample Setting : 110.5Nm  
High Visibility Display Clear Major & Minor Scale representation.



### FIXED RATCHET

Model No.	MW30	MW125	MW200	MW335	MW500	MW1000	MW1500	MW2000
Torque Nm	6.0-30	25-125	40-200	65-335	100-500	200-1000	300 - 1500	400 - 2000
Drive	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	1"	1"
Length	311mm	422mm	460mm	519mm	813mm	1015mm	1250mm	1250mm
Weight	0.7Kg	0.9Kg	1Kg	1.2Kg	3.2Kg	4.2Kg	8.2Kg	8.2Kg

### ADAPTER TYPE

Model No.	MWA30	MWA125	MWA200	MWA335	MWA500	MWA1000	MWA1500	MWA2000
Torque Nm	6.0-30	25-125	40-200	65-335	100-500	200-1000	300 - 1500	400 - 2000
Drive	9 x 12	9 x 12	14 x 18	14 x 18	24 x 32	24 x 32	27 x 36	27 x 36
Length	298mm	422mm	455mm	515mm	840mm	1040mm	1250mm	1250mm
Weight	0.58Kg	0.80Kg	0.92Kg	1.06Kg	4.04Kg	4.93Kg	8.00Kg	8.00Kg



## Key Features

With large or difficult to move bolt connections the Torque-Max range of torque multipliers are the ultimate solution for time and power-saving work.

- Replaces long lever arms and slugging wrenches
- Compact construction for use in confined places
- Manual use, no power supply necessary
- High accuracy in torque transmission ( $\pm 5\%$ )
- Supply of different reaction bars possible
- Low weight

### TORQUE-MAX **MX**



### TORQUE-MAX **RX**



### TORQUE-MAX **LX**



with changeable reaction anchor

with integrated reaction anchor

with threefold adjustable anchor

Model No.	Mx8	Mx18	Mx28
Max Out	800Nm	1800Nm	2800Nm
Female Drive	1/2"	3/4"	1/2"
Male Drive	3/4"	1"	1"
Ratio	1:3.5	1:3.6	1:13

Model No.	Rx8	Rx18
Max Out	800Nm	1800Nm
Female Drive	1/2"	3/4"
Male Drive	3/4"	1"
Ratio	1:3.5	1:3.6

Model No.	Lx10
Max Out	1000Nm
Female Drive	1/2"
Male Drive	3/4"
Ratio	1:12.5

Model No.	Mx38	Mx50	Mx80
Max Out	3800Nm	5000Nm	8000Nm
Female Drive	3/4"	3/4"	3/4"
Male Drive	1"	1.1/2"	1.1/2"
Height	1:13	1:17	1:50

Model No.	Rx28	Rx38
Max Out	2800Nm	3800Nm
Female Drive	1/2"	3/4"
Male Drive	1"	1"
Height	1:13	1:13

Model No.	Lx20
Max Out	2000Nm
Female Drive	1/2"
Male Drive	1"
Height	1:12.5

Key Features

- Lightweight and Durable
- Unique roller bearing for smooth, accurate and consistent performance
- Cam mechanism automatically slips to prevent over-tightening
- Ergonomic Non-Slip Grip.
- Easy-Release bit Holder
- Easy-to-read laser scale.
- Spring-loaded locking collar locks the scale at the desired torque setting



Preset Torque

Adjustable Torque  
1/4" Hex Drive

Adjustable Torque  
1/4" Square Drive

<i>T O R F I X</i>	Model No.	<b>TS12TF</b>
	Range	<b>0.2-1.2Nm</b>
	Length	<b>135mm</b>
	Weight	<b>185g</b>

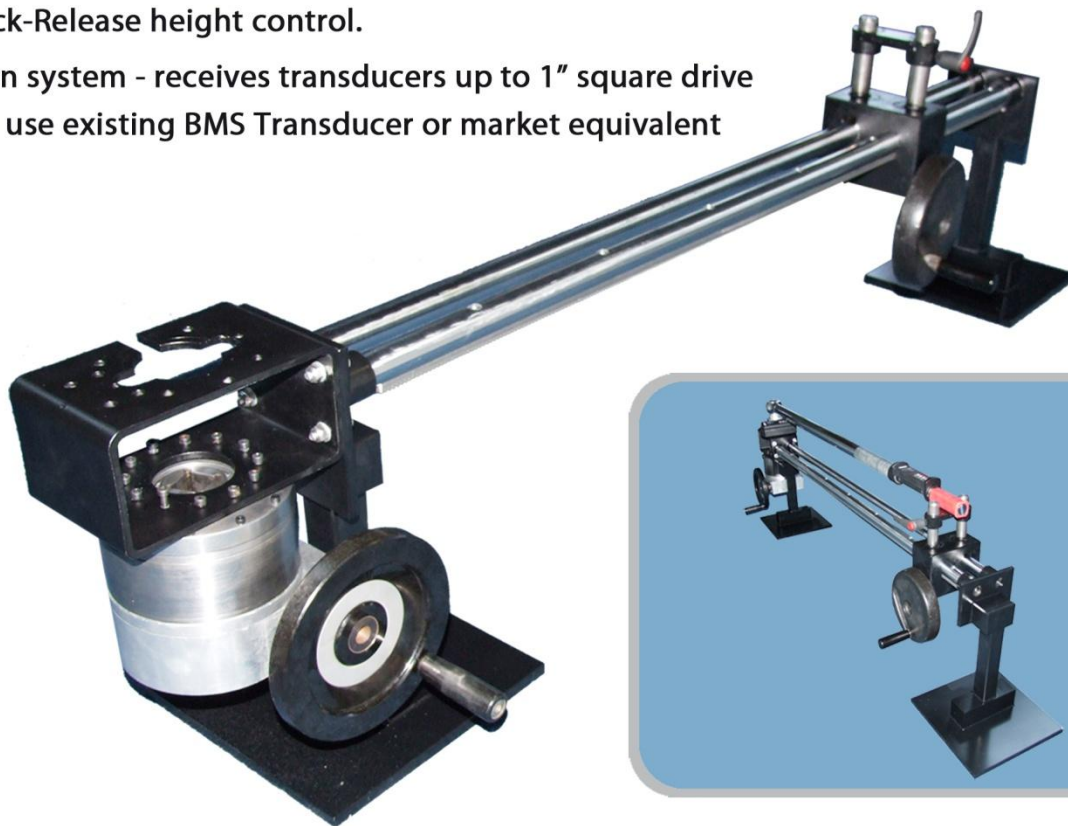
<i>T O R H E X</i>	Model No.	<b>TS12HX</b>	<b>TS60HX</b>
	Range	<b>10-120cNm</b>	<b>1-6Nm</b>
	Length	<b>180mm</b>	<b>248mm</b>
	Weight	<b>207g</b>	<b>475g</b>

<i>T O R S Q</i>	Model No.	<b>TS12SQ</b>	<b>TS12SQ</b>
	Range	<b>10-120cNm</b>	<b>1-6Nm</b>
	Length	<b>180mm</b>	<b>248mm</b>
	Weight	<b>207g</b>	<b>475g</b>

### Key Features

- Easy of Operation - Quick set-up time
- High-Quality Gear system for precise control.
- Range of attachments for testing micro to high Torque
- Attachments for Horizontal or vertical torque testing
- Specialized attachments made to customers specification
- For details of attachments or customized models contact us.
- Quick-Release height control.
- Open system - receives transducers up to 1" square drive
  - Can use existing BMS Transducer or market equivalent

**NEW**  
PRODUCT



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