

## GLOBAL SERVICE

Norbar is the only torque equipment manufacturer capable of offering tool and instrument recalibration services to the original factory standard on four continents.

Accredited laboratories in Australia, USA, Singapore, China and India operate the same equipment and procedures as the UKAS accredited laboratory within our headquarters in the UK.



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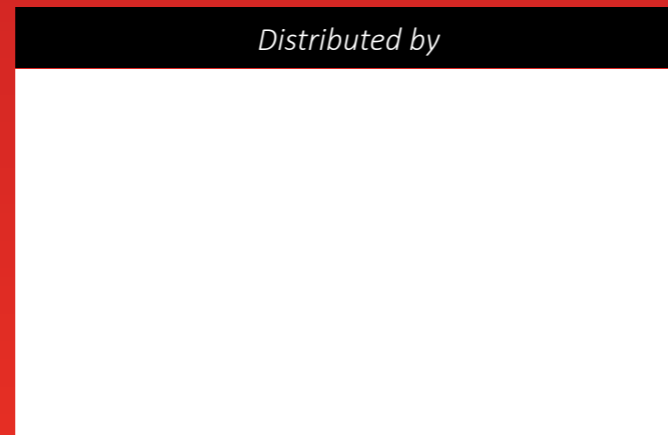
## NORBAR PRODUCT PORTFOLIO

-  Torque Screwdrivers
-  Torque Wrenches
-  Electronic Torque Wrenches
-  Manual Torque Multipliers
-  Pneumatic Torque Tools
-  Electronic Torque Tools
-  Torque Measurement Instruments
-  Torque Transducers
-  Ultrasonic Bolt Measurement
-  Calibration Services



For more information please scan here

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**NEW  
FEATURES**



## NORTRONIC®

ACCURATE ELECTRONIC TORQUE AND ANGLE CONTROL  
WITH WIRELESS DATA INTERFACE FOR THIRD PARTY  
SOFTWARE INTEGRATION



# NORTRONIC® - THE ELECTRONIC TORQUE WRENCH FROM NORBAR

## PRECISE, WIRELESS CONNECTABLE AND TRACEABLE

NorTronic® sets the benchmark for electronic torque wrenches with its combination of accuracy, wireless capability and angle measurement. The wrench offers great flexibility in connection possibilities as it can be interfaced with customers' existing production control software and NorTronic's own unique Torque Data System (TDS) software.



### VERSATILITY

- Supplied with a robust push through ratchet
- Compatible with Norbar's huge range of spanner end fittings
- Easy to depress plunger for ratchet removal
- Ability to enter offset compensation for non-standard end fittings. Torque wrench reads correctly for non-standard end fittings. No need to do additional calculations
- Ability to set a Torque, Angle and Final Torque Target
- Ability to have up to 15 linked or non-linked Targets on the tool at any one time

### DATA ANALYSIS

Unique TDS (Torque Data System) software included. Enables complete data management and archiving to a PC through seamless data exchange

Two-way data management capability. Torque and Angle data can be sent to TDS in real time (or uploaded from memory)

- Multiple targets can be sequenced and linked
- Tool settings can be configured at PC

Data can be transferred by two means:

- USB cable (supplied)
- USB Wireless Adaptor for your PC (sold separately, see image to left)  
Part No. 43508: 868MHz UK, Europe, Singapore and India  
Part No. 43509: 915MHz USA, Canada, Australia and New Zealand

Up to 2400 reading memory store, time and date stamped. Enables numerous tightening cycles before needing to upload data to TDS

Ability to interface to ProSuite process control software

Calibration date of tool can be displayed via TDS or third party software

ASCII mode allows for interfacing the tool with third party software

Ability to produce and save Torque & Angle graphs (in real time) from a USB connected tool

### EASY TO USE

Two full colour OLED displays positioned at 90° to each other so that the display can be seen whether operating in the vertical or horizontal plane

Only 5 user buttons for ease of use

Visual (digits change colour), audible and vibration indicators when target is reached

Low battery warning

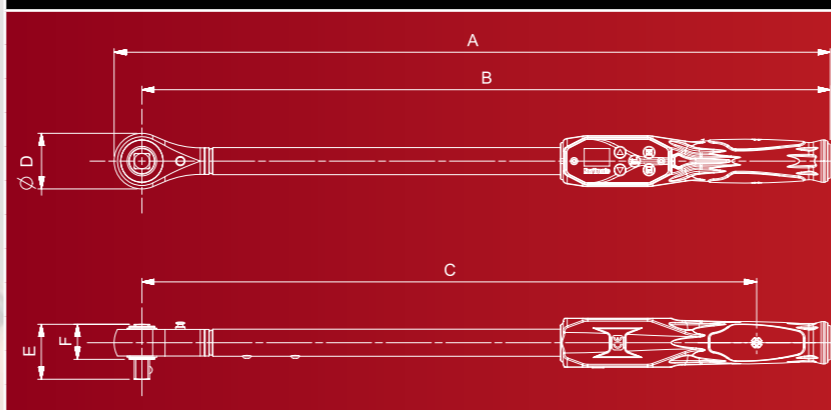
Ability to turn off angle display if not required

12 Torque units - can be used in any country's preferred torque units  
When used with a HandTorque® gearbox the NorTronic® can directly display, save and send the calculated output torque of the HandTorque®

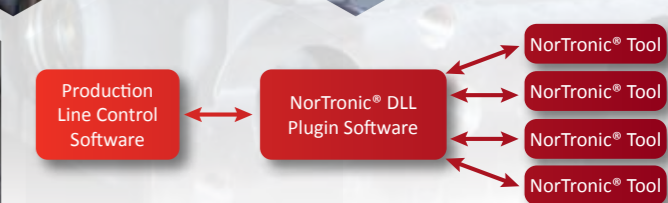
### ACCURACY

- ±1% accuracy between 20 and 100% of wrench operating capacity
- ±2% accuracy between 10 and 19% of wrench operating capacity
- Clockwise (CW) and Counter-Clockwise (CCW) torque and angle calibration
- Supplied with unique Torque and Angle Calibration Certificate
- Angle calibration in accordance with VDI/VDE 2648
- ISO 6789-2:2017 UKAS accredited Torque calibration in both clockwise and counter-clockwise direction

### TECHNICAL SPECIFICATION



		Model							
		50		200		330			
		¾"	½"	½"	½"	¾"	½"	¾"	½"
Ratchet Square Drive		¾"	½"	½"	½"	¾"	½"	¾"	½"
Wireless Communication Frequency (MHz)		868	915	868	915	868	915	868	915
Part Number		43500	43504	43501	43505	43502	43506	43503	43507
Torque Range (N-m)		5-50		5-50		20-200		30-330	
Resolution (N-m)		0.01		0.01		0.1		0.1	
Dimensions (mm)	A	468	472	592	808				
	B	449	449	569	782				
	C	388	388	508	721				
	ØD	38	46	46	52				
	E	34	45	45	45				
	F	21	29	29	28				
Weight (Kg)		1.20	1.20	1.45	1.86				



NorTronic® DLL (Dynamic Link Library) Plugin enables NorTronic® tools to be interfaced to a customer's existing production line control software.

### PERFORMANCE

- IP44 protection against dust and water ingress. Protected against dust and sprayed water from all directions
- One piece aluminium handle, rugged and durable
- Portable, powered by three AA batteries. (Rechargeable batteries supplied)
- Robust extruded aluminium case

