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.

NORBAR TORQUE TOOLS LTD
Wildmere Road, Banbury, Oxfordshire, OX16 3JU
UNITED KINGDOM
Tel + 44 (0)1295 753600
Email sales@norbar.com

NORBAR TORQUE TOOLS
45-47 Raglan Avenue, Edwardstown
SA 5039
AUSTRALIA
Tel + 61 (0)8 8292 9777
Email enquiry@norbar.com.au

NORBAR TORQUE TOOLS INC
36400 Biltmore Place, Willoughby
Ohio 44094
USA
Tel + 1 866 667 2272
Email inquiry@norbar.us

NORBAR TORQUE TOOLS PTE LTD
194 Pandan Loop, #07-20 Pantech Business Hub
SINGAPORE 128383
Tel + 65 6841 1371
Email enquires@norbar.sg

NORBAR TORQUE TOOLS (SHANGHAI) LTD
91 Building- 7F, No. 1122, North Qinzhou Road,
Xuhui District, Shanghai
CHINA 201103
Tel + 86 21 6145 0368
Email sales@norbar.com.cn

NORBAR TORQUE TOOLS INDIA PVT. LTD
Plot No A – 168 Khairne Industrial Area
Thane Belapur Road
Mahape Navi Mumbai – 400 709
INDIA
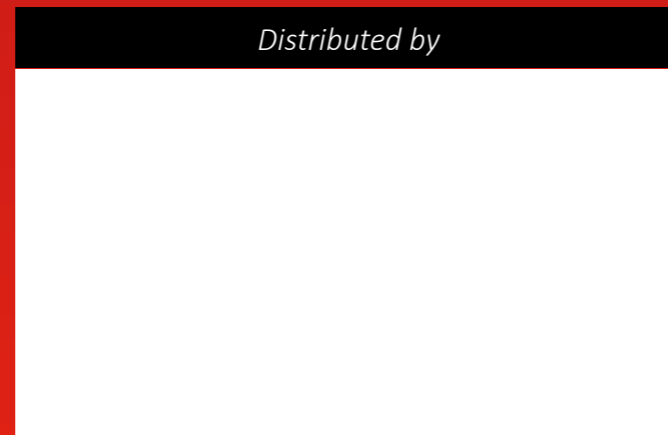Tel + 91 22 2778 8480
Email enquiry@norbar.in

www.norbar.com

NORBAR PRODUCT PORTFOLIO

Torque Screwdrivers

Torque Wrenches

Electronic Torque Wrenches

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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.

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:
i) **USB cable** (supplied)
ii) **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

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

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
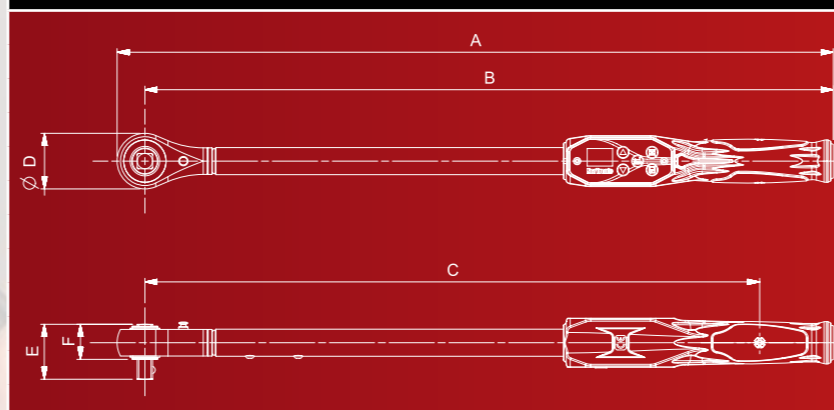
Low battery warning

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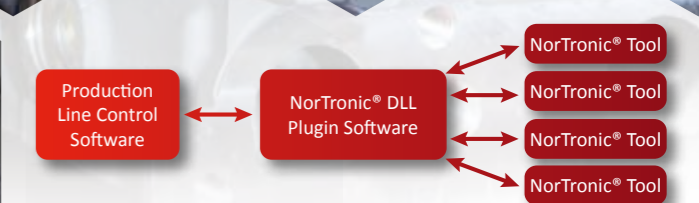
NorTronic® DLL (Dynaminc Link Library) Plugin enables NorTronic® tools to be interfaced to a customer's existing production line control software.

Production Line Control Software	→	NorTronic® DLL Plugin Software	→	NorTronic® Tool
			→	NorTronic® Tool
			→	NorTronic® Tool
			→	NorTronic® Tool

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

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

TECHNICAL SPECIFICATION

			Model						
		50			200		330		
Ratchet Square Drive		⅜"		½"		½"		½"	
Wireless Communcation 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	