



NEW



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. Our accredited laboratories in Australia, USA and Singapore operate the same equipment and procedures as the UKAS accredited laboratory within our headquarters in the UK. Further Norbar laboratories are in operation in China and India.



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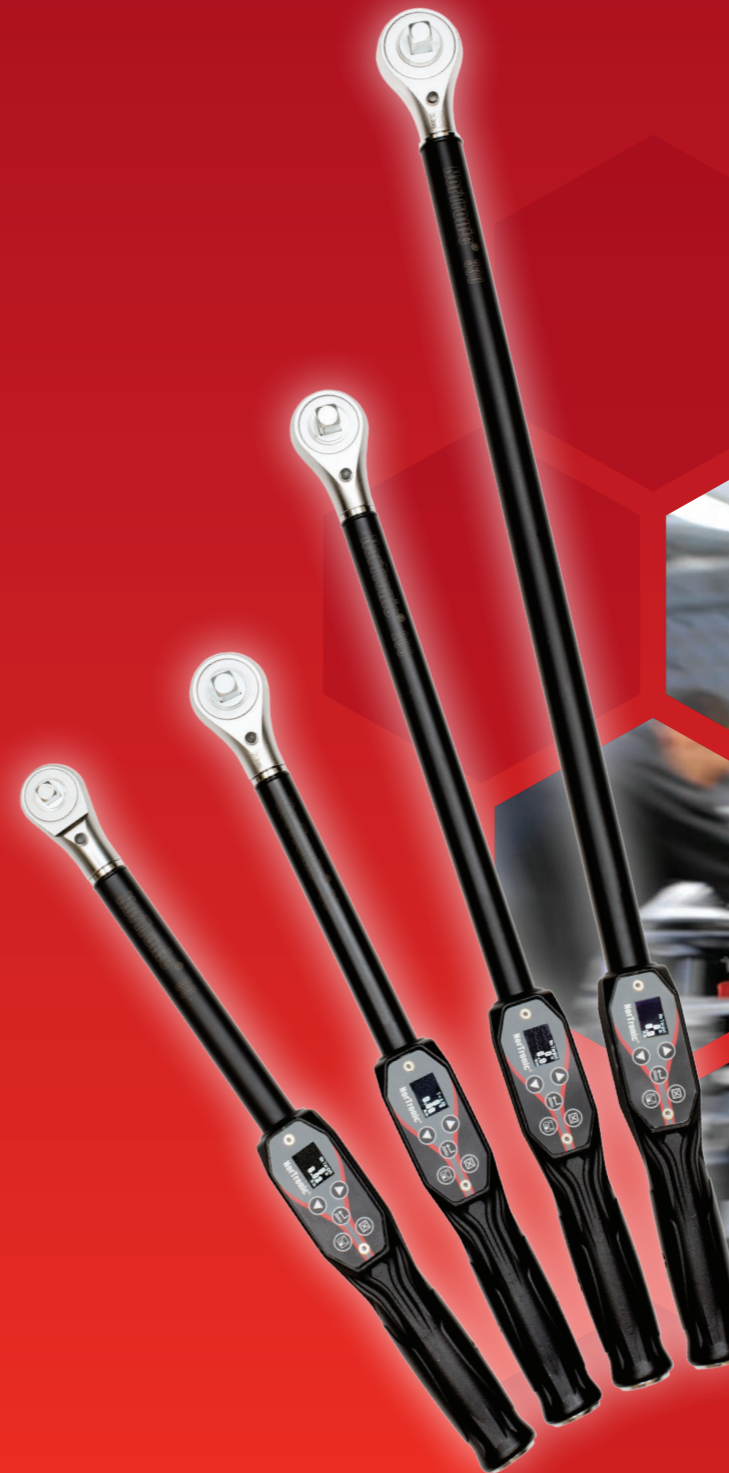
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NORTRONIC®

ACCURATE ELECTRONIC TORQUE AND ANGLE
CONTROL WITH WIRELESS DATA INTERFACE



www.norbar.com



INTRODUCING NORTRONIC® - THE FIRST ELECTRONIC TORQUE WRENCH FROM NORBAR

PRECISE, WIRELESS AND TRACEABLE

Versatile and easy to use wireless and traceable electronic torque and angle control



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 3000 reading memory store, time and date stamped. Enables numerous tightening cycles before needing to upload data to TDS

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

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 indications 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

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



ACCURACY

±1% accuracy between 20 and 100% of wrench operating capacity

±2% accuracy between 10 and 19% of wrench operating capacity

Clock Wise (CW) and Counter ClockWise (CCW) angle calibration

Supplied with unique Torque and Angle Calibration Certificate

NORTRONIC® TECHNICAL SPECIFICATION

Model		50		200		330			
Ratchet Square Drive		3/8"	1/2"	1/2"		1/2"			
Wireless Communication Frequency	MHz	868	915	868	915	868	915		
Part Number		43500	43504	43501	43505	43502	43506	43503	43507
Range	N·m	5 - 50		20 - 200		30 - 330			
Resolution	N·m	0.01		0.1		0.1			
Length	mm	468		593		808			
Weight	Kg	1.20		1.45		1.89			