

GLOBAL SERVICE

Norbar is the only torque equipment manufacturer capable of offering tool and instrument calibration 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



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Torque Wrenches



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Manual Torque Multipliers



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Calibration Services

NEW



PROTRONIC®

HIGH-PRECISION ELECTRONIC TORQUE AND ANGLE WRENCH



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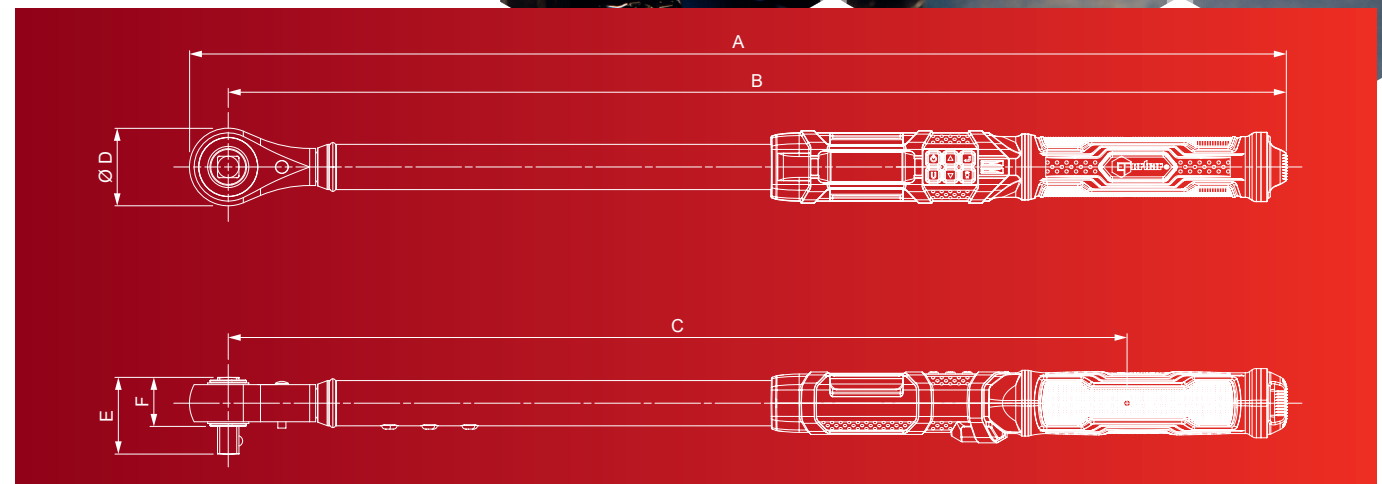
THE NORBAR PROTRONIC® ELECTRONIC TORQUE AND ANGLE WRENCH: **PRECISE, VERSATILE AND CONFIGURABLE**

The ProTronic® is a high-precision electronic torque and angle wrench with a large backlit LCD display and comfortable high grip handle. Audible, visual and tactile signals alert the user when a pre-set torque or angle target is approached. Various features of the wrench can be configured to suite individual preferences and application requirements.



KEY FEATURES

- Four alert modes (LCD, progressive LED, audible, vibration) provide excellent feedback in all working conditions
- 5 easily selectable torque units: N·m, lbf·ft, lbf·in, dN·m, kg·cm and kg·m (200 N·m and above)
- The ability to programme up to 10 pre-sets in the tool saves time in setting up frequently occurring applications
- A wide range of advanced features (cycle counter, customisable sleep timer, language selection, auto torque calculation for torque adaptors, calibration alerts, battery level indication, and numerous alert mode customisations) allow the user to tailor the tool to their work preferences
- Torque THEN Angle mode gives the user the ability to conveniently apply an angle to a fastener directly after achieving a torque target without the need to remove the torque wrench from the application
- Settings allow for operation in either English, Spanish, French, German, Italian, Dutch or Portuguese languages
- Power interruption technology helps to prevent loss of work and continuity if the wrench is impacted
- Patent pending built-in calibration factor feature allows different head lengths to be easily accommodated
- Storage case included
- Supplied with a traceable 'Calibration Certificate' conforming with ISO 6789-2:2017 allowing end users to adhere to more stringent quality control processes
- Very high accuracy of $\pm 2\%$ when operating between 20% to 100% of tool capacity. High accuracy of $\pm 4\%$ when operating between 5% to 19% of tool capacity
- Angle accuracy of $\pm 1\%$ of reading, $\pm 1^\circ$ @ Angular Velocity $> 10^\circ/\text{Sec}$ $< 180^\circ/\text{Sec}$, $\pm 1^\circ$ for test fixture



TECHNICAL SPECIFICATION

PART NUMBER	MODEL	SQUARE DRIVE	TORQUE RANGE (N·m)	DIMENSIONS (mm)						TOOL WEIGHT (kg)
				A	B	C	ØD	E	F	
130517	ProTronic 100	3/8"	5 - 100	458	439	344	38	34	21	1.15
130518	ProTronic 100	1/2"	5 - 100	462	439	344	46	45	29	1.30
130519	ProTronic 200	1/2"	10 - 200	650	627	533	46	45	29	1.65
130520	ProTronic 340	1/2"	17 - 340	749	723	629	52	45	29	1.85