



TST



The TST combines simplicity and functionality to provide a high quality instrument for the testing and calibration of low capacity torque tools.

Featuring an internal transducer complete with Rundown Fixture, the TST is available in 3 torque ranges, 0.04 to 2 N·m, 0.5 to 10 N·m and 1.25 to 25 N·m. Class 1 system accuracy over its Primary range ($\pm 0.5\%$ of reading from 20% to 100% of full scale).

What makes the TST genuinely versatile is the interface for an external transducer. This interface, accessed by a 2 way switch on the TST, allows the connection of any transducer from Norbar's 'SMART' range and most mV/V calibrated transducers from Norbar or other manufacturers.

- Pictorial display panel for easy mode selection
- Limit detection with low, pass and fail indication. Up to 8 target values can be set
- Digital limit state output for control of external tools
- Operation from fast charge internal battery pack (maximum time of 3 hours 20 minutes for full charge) or a.c. supply (90 to 264 Volts)
- RS-232-C serial data interface for connection to a printer or PC.
- Continuous RS 232 output when used in track mode (up to 11 readings per sec)
- Pulse count feature in Impulse mode and Clutch Tool mode
- 'SMART' intelligence for transducer recognition
- Memory for calibration details of 20 non-'SMART' mV/V calibrated transducers
- Analogue output allows the instrument to be used as part of a process control system for performance analysis
- User selectable frequency response for each mode of operation
- All user selectable features have password protection. The instrument can be issued to users with only the required modes of operation and units of measure enabled. This feature can virtually eliminate operator induced errors
- ¼" Female Hex to ¼" female square adaptor comes supplied as standard



4	TST (Torque Screwdriver Tester Series 2)
43212	TST 2, 0.04 - 2 N·m
43213	TST 10, 0.5 - 10 N·m
43214	TST 25, 1.25 - 25 N·m
TST.CCW	Counter clockwise calibration when ordered with new unit

Above prices exclude Transducer lead for external transducer (see page 88).

TST is supplied complete with a Rundown Fixture for joint simulation. Additional rundowns are available see page 93.



Model	All Models
Part Number/s	43212 43213 43214
Dimensions (mm)	A 290
	B 52
	C 160
	D 67
	E 56
	F 40
	G 72
	H 61
Weight (Kg)	4.7

