

TSC15 Torque and Speed Transducer Display



The **TSC15 Torque and Speed Transducer Display** in conjunction with TSC's Optical and Telemetry Torque and Speed Transducers, provides comprehensive data analysis of many Torque measuring devices.

It is ideally suited for research and development, quality and process control. It is a unique combination 'instrument', with an impressive number of features.

Torque

Displays Torque in Run, Peak or First Peak Hold (with Auto Reset).

Analogue Memory ensures infinite resolution and its selection by switch is indicated by an LED illumination.

Automatic scale selection and decimal point selection from the Transducer.

Analogue outputs for XY/YT or other data logging.

Pre-settable overload protection with relay output for control purposes.

Also compatible with the TSC range of strain gauge torque transducers and load cells.

Speed

Unique circuitry in conjunction with TSC's Optical Rotary and Speed Transducers enables Speed Indication update at every 18 degrees of Transducer shaft rotation. Ideal for slow speed and/or to see cyclic speed variations.

Speed measurement ranges at Full Scale from 1RPM to 100,000 RPM in six switchable steps.

Rate indication via LED.

Analogue Output for Full Scale and Range selected.

Features

- * Compact Rugged Design
- * Torque Display
- * RPM Display
- * Strain gauge or Optical Transducer Input
- * Control Functions

Specifications

Readout:	0.5in 3.5 LED Digital Display Decimal Point and Full Scale Deflection automatically programmed by the Transducer
Accuracy:	± 0.25 of FSD
External Displays:	Transducer Output $\pm 1.000V$ for FSD Display Output $\pm 1.000V$ for FSD Accuracy $\pm 0.2\%$
Range:	Set by Transducer
Supplies:	Mains 230V or 115V ac 50/60Hz via internal filter
Case:	Extruded Aluminium with Cream Epoxy paint finish
Dimensions:	Width 300mm Height 120mm Depth 300mm
Weight:	5.5Kg

We reserve the right to change specifications as deemed necessary with continuous improvement

NAMAS Calibration Traceability on all Products and Services



Timesync Controls Ltd

Torque Systems

Calibration Services

Electronic Manufacture

Web Tension Control

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