



ReadStar Range

Torque readouts and testers



Key Features

- ✓ Accurate and simple to operate
- ✓ 200 date and time stamped reading memory
- ✓ Download to a PC or printer
- ✓ Automatic transducer recognition with Crane UTA transducers (ReadStar II)
- ✓ Built in transducer (ReadStar TT)

Product Overview

The ReadStar II and ReadStar TT are basic, easy to use readouts which allow measurement and collection of torque data, with storage of up to 200 readings.

The multilingual software and consistent interface ensures ease of use when working with external torque transducers (ReadStar II) or when using the built in torque transducer (ReadStar TT).

The ReadStar II and ReadStar TT has a variety of modes and can measure track, peak, 1" peak (click) and pulse. Results are shown on an easy read display. Time and date stamped readings can be set to print automatically.

The ReadStar II and ReadStar TT can be powered using "C" cells, rechargeable batteries or from the mains. The batteries must be recharged externally to the product, charger not provided. The ReadStar II and ReadStar TT can either be fixed permanently or used as a portable device.

ReadStar Range Technical Specification

Accuracy	± 0.5% of rated maximum transducer capacity
Overload Capacity	125% of stated maximum transducer capacity
Zero Drift	<0.1% of rated maximum transducer capacity
Operating Temperature Range	+5 +40°
Temperature Stability	± 0.1% per degree Celsius
Sealing	IP40
Humidity	5% to 75% non condensing
Serial Interface	9 way female 'D' connector
Frequency Response	User selectable in 6 steps from 68Hz to 4385Hz
Calibration	Issued with calibration certificate traceable to national and international standards. 12 months typical recalibration interval
Warranty	12 months parts and labour
Servicing	Crane Electronics Ltd offer a full repair facility and calibration to UKAS and international standards
Power	Two type 'C' cells, rechargeable batteries, main powered (needs optional power supply)
Weight	ReadStar II: 0.9Kg ReadStar TT: 2.3Kg
Construction	ABS cover; Steel base
Output	Serial dump – no handshaking (USB)
Dimensions	ReadStar II: 166mm (W) x 190mm (D) x 66mm (H) ReadStar TT: 166mm (W) x 190mm (D) x 75mm (H)

ReadStar II



- ✓ Robust but lightweight
- ✓ Switchable auto print or auto send to PC
- ✓ Tricolour LED indication of torque status
- ✓ Choice of measurement units
- ✓ Clear easy-read display
- ✓ Easy to use membrane keypad

ReadStar TT



- ✓ Robust but lightweight
- ✓ Switchable auto print or auto send to PC
- ✓ Choice of transducer sizes: 1, 4, 12, 30 Nm
- ✓ Tricolour LED indication of torque status
- ✓ Choice of measurement units
- ✓ Clear easy-read display
- ✓ Easy to use membrane keypad

Mains Adaptor Power Requirements

Input: 230V AC 50 Hz 70mA (UK and Euro models)

Input: 115 AC 60 Hz 120mA (US models)

Output: 9V DC 300mA (all models)

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