

# Torque Data Collector – TorqueStar Lite



- ▶ Meas. Modes: Track, Peak, Pulse, Click.
- ▶ Torque Units: Nm, cNm, mNm, kNm, MNm, lbfft, lbfin, ozfin, kgfcm, kgfm.
- ▶ Angle display to 0.1 degrees, sampling every 1000 micro seconds.
- ▶ Automatic sensor recognition (CheckStar/Stationary UTA, CheckStar Multi).
- ▶ Static accuracy  $\pm 0,25\%$  FSD of connected transducer.
- ▶ Basic statistics: count, range, mean, min, max, standard deviation.
- ▶ Three-colour LED display of torque status (HI/OK/LO), optionally supplemented by audible buzzer signal.
- ▶ Data storage for 999 readings in storage mode.
- ▶ Easy selectable data export by AutoPrint via Micro-USB port.
- ▶ User swappable Li-Ion battery with long running time. 3 hours charge time via USB or Universal 5V charger.
- ▶ Construction: High-strength injection moulding and soft rubber rim. Tough internal chassis (can survive 1.8 m drop). White OLED display 79x21 mm. Easy clean keypad 11 keys incl 5 function keys.
- ▶ 25 Pin D-Sub transducer port, basic USB 2.0 micro, 5V DC power port.
- ▶ Operating environment: Temperature -20 to 50 °C, Humidity 10-75% non-condensing.
- ▶ Zero stability: 0.01% FSD/°C.
- ▶ Ingress protection rating: IP45.
- ▶ Incl. battery, neck strap, USB cable, 5V DC charger, operating manual, calibration certificate (UKAS).
- ▶ Warranty 12 months on parts and labour against faulty workmanship or materials.

## Torque Data Collector

The TorqueStar Lite is the latest basic torque data collector in the revolutionary TorqueStar series, offering a simple and easy-to-use solution for the measurement and collection of torque data.

The TorqueStar Lite data collector is ideal for users who want a quick and straight-forward 'plug-and-play' product with the added precision that the Crane Electronics brand guarantees.

The clear and sharp OLED screen on the TorqueStar Lite enables easy-to-view data and statistics. It also has an added screen-saving ability to ensure there is no screen burn-in damage.

The easy-to-use function keys offer simple operation of the TorqueStar Lite, including 'Measurement Modes' to switch between the numerous measurement modes, 'Statistics/Results' to view all of the current collected

data results, View to quick view the readings taken, 'Delete' to clear and remove selected results and data and 'Settings' to view and edit the TorqueStar Lite configurations:

- [Mode] – Select the desired measurement algorithm.
- [Statistics] – Evaluation of the stored measurement results.
- [View] – quick listing of the collected measurement data.
- [Delete] – Delete single or all measurement data.
- [Settings] – Configure the system and application settings.

### Options, Accs & Spares

**INFO**

- C718479 = Li-Ion Battery Pack
- C718486 = External Charger
- C718485 = Mains Adaptor (PSU)
- C718487 = Blow-Molded Carry Case



## TorqueStar Lite

Model Code	Measurement Modes / Algorithms								Statistics / Analysis			Jobs & Rounds	Data Export		
	Track	Peak	Pulse	Click	Force	Audit	MoveOn	Yield	Re-tighten	Basic	Advanced		Graphs	USB	CSV
TSLIX-0000-CRXXXX	•	•	•	•	-	-	-	-	-	•	-	-	-	•	-

