Crane Electronics Ltd
The force in torque management



TorqueStar Plus & Pro - Torque Data Collectors

The revolutionary TorqueStar range from Crane enters its next innovative phase for the concise measurement and collection of critical torque data in the manufacturing and quality environments.

- The TorqueStar Plus and Pro ranges offer an **innovative torque indicator and data collector** in one.
- Numerous measurement modes including **track, peak, pulse, click, audit, move-on** and **yield**.
- **Strong, durable and robust**, perfect for the manufacturing and quality environment.
- The **TorqueStar Pro** offers the capability to add **jobs, rounds and advanced statistics** to your measurement process.
- TorqueStar Pro is also compatible with our own torque software packages, **OMS and OMS Lite**.
- Both ranges offer a **full-colour backlit screen** for clear and concise torque measurement.
- Both ranges are compatible with **label printers**, connected via USB port.
- The TorqueStar Pro also offers real-time **torque traces** and **RF communication** to connect to our WrenchStar Multi and CheckStar Multi via RFm



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crane

Technical Specifications		Plus	Pro
Measurement Units	Torque: Nm, lbft, lbin, MNm, Ncm, kgcm, kgm, kNm, klbft, Nmm, ozin	X	X
Measurement Modes	Track, Peak, Pulse, Click, Force, Audit	X	X
	Move-On, Yield, Re-tighten		X
Data Storage	999 Readings in storage mode	X	X
	16GB Storage - Internal Micro SDHC	*	X
Basic Statistics	Count, Range, Mean, Min, Max, Standard Deviation	X	X
Advanced Statistics	Cm, Cmk, Cp, Cpk	*	X
Jobs & Rounds	Capability and storage and Jobs and Rounds data		X
Auto-Print / Data Output	Easy selectable output to Auto-Print (via USB Cable) or CSV (via USB Flash Drive)	X	X
Cycle Status Indication	Audible buzzer and LED Hi/OK/LO torque status. All user definable	X	X
Graphs & Graphic Analysis	Zoom, Change Axis, Resize, Move, Trend (Pro only), Export Trace to USB Flash Drive	*	X
Operating Language	Chinese,Czech,English,French,German,Hungarian,Italian,Spanish,Swedish,Polish,Portuguese,Turkish	X	X
Construction	High strength injection moulding and soft rubber trim	X	X
	Tough internal chassis (can survive 1.8m drop)	X	X
	Backlit LCD colour display - 86mm x 52mm (4”)	X	X
	Easy clean keypad - 11 keys including 5 soft keys	X	X
Battery & Power	Lithium Ion - User swappable	X	X
	3 hours charge time via USB or Universal 5V charger	X	X
Power Management	User selectable auto power-off: between 0 - 200 minutes	X	X
	Brightness adjustment	X	X
Input / Output Ports	25 pin ‘D’ type transducer Port, Basic USB (2.0) Micro	X	X
	Standard USB OTG, 5V DC Power Port	X	X
Printer Compatibility	Serial printer (via USB)	X	X
Zero Stability	0.01% FSD/ °C	X	X
Static Accuracy	± 0.25% FSD of connected transducer	X	X
Operating Environment	Temperature: -20 to +50 °C	X	X
	Humidity 10-75% non-condensing	X	X
	Ingress protection rating: IP45	X	X
Angle Measurement	Display angle to 0.1 degrees, Sample every 1000 micro seconds	X	X
Warranty	12 months parts and labour against faulty workmanship or materials	X	X
Accessories	Protective Case		X
	Neck Strap	X	X
Barcode Capability	Optional		X

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For more information about the new TorqueStar data collector ranges or for a quote, call us on +44 (0) 1455 25 14 88 or email us at sales@crane-electronics.com.

*Optional Upgrade.

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