

WrenchStar Multi-e Digital Torque Wrench

The NEW electrically-safe, insulated WrenchStar Multi-e digital torque wrench has been developed by Crane Electronics, especially for new electric vehicle and electric battery production environments and applications.

Meeting the growing global demand for insulated tooling, Crane has developed the new WSM-e, based on the established WrenchStar Multi digital torque wrench. Already approved for use by a wide range of leading manufacturers around the world, you can now have all the benefits of the WrenchStar Multi whilst complying with EV production quality standards.

The insulated wrench complies with the International standard, IEC 60900:2018*, applicable to insulated hand tools used for working with, or close to, live parts at nominal voltages up to 1000V AC and 1500V DC. This important certification provides welcome reassurance and safety when used for electric vehicle and battery assembly applications, where operator safety is paramount.

Incorporated within the new WrenchStar Multi-e is an inductive battery charging system, making the process of charging the torque wrench easier by simply placing the wrench onto the new charging cradle. The inductive system removes the external charging contacts and complies to WPC/Qi standards providing further peace of mind in challenging environments.

The WrenchStar Multi-e is finished with insulated components making it ideal for use in electrically-live situations, with protection for the user in high voltage applications and security against product failure due to electrical damage.



The new WSM-e wrench works in combination with our TCI lineside controllers for seamless production capabilities, or with our TorqueStar Pro data collectors, for accurate quality auditing and verification applications.

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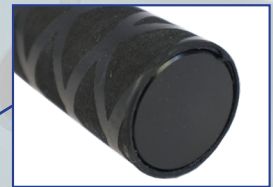
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WrenchStar Multi-e Features

What makes it the digital torque wrench of choice for EV manufacturers?

- New insulated wrench design with non-conductive plastic insulation over the wrench handle, shaft and wrench head, to comply with IEC 60900* standards.
- New isolated metal components underneath the protective insulation, making the wrench completely resistant to potentially dangerous electrical conductivity.
- New inductive battery charging system, complying to WPC/Qi standards, for safer and efficient charging of the wrench.
- The WrenchStar Multi-e is designed and manufactured for use in EV environments, with the safety of the user in mind at all stages of development.



Using the WrenchStar Multi-e in Production & Quality Applications.

The WSM-e works in combination with our series of lineside controllers and torque data collectors to provide an ideal solution for simple fastening, measurement and recording of vital assembly data.

Production applications with the TCI & TCI Multi Lineside Controllers

- Connects wirelessly via RF to become a production wrench with audit capability
- The TCI Multi allows up to 5 torque wrenches to be connected together
- Easy set-up of the wrench and job process management via web browser
- Record and store all critical assembly data measured from the operator's wrench
- Accurately tighten and measure critical fasteners to pre-set torque and angle specifications



Quality Auditing applications with the TorqueStar Pro Data Collector

- Designed for manufacturers that require torque and angle data digitally recording
- Ideal for quality auditing applications, ensuring critical fasteners are accurately tightened
- Real-time torque traces on screen, data storage and USB trace exports available
- Ensures process and quality verification, with complete assembly data traceability



For more information about the new electrically-safe **WrenchStar Multi-e** digital torque wrench, please get in touch with us at sales@crane-electronics.com or call us on **+44 1455 25 14 88**.

*pending approval

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