

Insulated RF Torque & Angle Wrench – WrenchStar Multi-e



WrenchStar Multi-e
Digital Torque Wrench

Ideal for wireless connection to **TorqueStar Pro** data collector



Works with TCI-Multi...



...and TCI-2

For electrically-safe operation in both Production & Quality applications

The electrically safe, insulated WrenchStar Multi-e digital torque wrench has been developed for 'live' electric vehicle and electric battery assembly environments and to meet the ever-growing global demand for insulated tooling.

The insulated wrench complies with the IEC 60900:2018* standard, applicable to insulated hand tools used for working with or close to live parts. The wrench is also finished with insulated components giving added protection for the user in high voltage applications and security against product failure due to electrical damage.

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

The 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.

**pending approval*

- ▶ All the benefits of the established WrenchStar Multi in an electrically-safe version.
- ▶ 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 makes 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 has been designed and manufactured for use in EV environments, with user safety in mind at all stages of development.
- ▶ All of the innovative features and capabilities of the existing WrenchStar Multi digital torque wrench.
- ▶ Shipped items: WS-Multi-e, insulated ratchet head, battery, cradle, quick start guide, traceable calibration certificate (UKAS).

Options / Accs / Spares

INFO

- WS1XS-0000-CRCNXXE = Inductive Charging Cradle
- WS1XS-00JB-CRRXXE = Insulated Ratchet Head 9×12 to 3/8

- Connect to our TCI lineside controllers for production applications. Connect wirelessly via RF to become a production wrench with audit capability.
- Accurately tighten and measure critical fasteners to pre-set torque and angle specifications.
- Connect to the TorqueStar Pro data collector for quality auditing applications, ensuring that critical fasteners and joints are accurately tightened.
- The WSM-e confirms process and quality verification whilst also helping achieve complete assembly data traceability.

WrenchStar Multi-e

Model	Item No.	Torque Range				Head / Connector		Length mm	Weight kg
		N-m	lbf-in	lbf-ft	kgf-cm	inch	mm		
WS1JE-0010-C1DARX	C718680	2 - 10	17 - 88	–	20 - 102	3/8	–	442	1,10
WS1JE-0025-C1DARX	C718681	5 - 25	44 - 221	–	51 - 255	3/8	–	442	1,17
WS1JE-0050-C1DARX	C718682	10 - 50	88 - 442	–	102 - 510	3/8	–	457	1,18
WS1JE-0075-C1DARX	C718683	15 - 75	134 - 663	11 - 55	153 - 765	3/8	–	457	1,18
WS1JE-0100-C1DARX	C718684	20 - 100	177 - 885	14 - 73	204 - 1020	3/8	–	457	1,24



Further info on our website.
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For pricing, availability or further technical information about the WrenchStar Multi-e, please contact us.