

UTA / IS Torque Wrenches

Transducerised torque wrenches



Key Features

- Measures torque applied during fastening operation or overcheck inspection
- Point of load independent
- Plug and Play with Crane display systems (Auto ID)
- Rugged construction



The force in torque management

UTA / IS Torque Wrenches

Transducerised torque wrenches

Crane's UTA and IS torque wrenches have proven reliability in the workplace.

UTA and IS wrenches measure the torque applied directly to the fastener during the assembly operation or overcheck inspection, communicating the data to a suitable indicator for immediate verification and subsequent data collection.

The transducer element of the wrench is directly in line with the drive, thus making the wrench measurement completely independent of the point of load. This means that the operator can be assured of a correct measurement however the wrench is held and torque applied – particularly useful in limited access situations.

UTA wrenches form a key part of the Crane UTA torque system, enabling plug and play operation with Crane readout devices. On board intelligence means the UTA wrench is automatically recognised by the Crane readout device, eliminating set-up errors and enabling logging of serial number against measurements for complete traceability. An Industry Standard (IS) version is also available, without Auto ID, where a user needs the features of the Crane wrench but already has a readout device from another manufacturer.

Calibration service

Crane Electronics Ltd operates a calibration laboratory accredited by UKAS, the UK Accreditation Service. All Crane products are issued with a calibration certificate traceable to National and International Standards. It is recommended that torque instrumentation is recalibrated at least every 12 months. Please refer to the separate leaflet for information on Crane's calibration services.



System components

- Crane readout devices for plug and play operation
- Force transducers for force/torque correlation studies



The force in torque management

Industry Standard (IS) versions available for use with other manufacturers' readouts

Rugged all alloy construction

Accuracy +/- 0.5% of full scale

Plug and Play with Crane display systems (Auto ID).



(TorqueStar Opta screen)

UTA version reduces set-up errors and time through automatic set up of transducer including torque range and serial number for full traceability of measurements. System integrity is ensured by recognition of overdue calibration.



Point of load independent - torque measurement in-line with drive



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Crane Electronics Ltd

Watling Drive
 Sketchley Meadows
 Hinckley LE10 3EY
 United Kingdom

☎ +44 (0)1455 25 14 88
 📠 +44 (0)1455 61 47 17
 @ sales@crane-electronics.com
 🏠 www.crane-electronics.com



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