The force in torque management

IQWrench3

Advanced digital torque wrench with built-in data collection.

The IQWrench3 is the latest in a long line of innovative digital torque wrenches from Crane. The IQWrench3 combines the precision torque and angle measurement capabilities of an advanced torque wrench, along with the storage and reliability of a robust data collector, delivering one powerful integrated solution.

The IQWrench3 digital torque wrench delivers all of the expected attributes that made their predecessors such a success, as well as a host of new features. A colour OLED screen provides clear and easy-to-view results and readings with a straightforward menu system for easy navigation.

The LED flashlight and improved 360° light ring make it effortless to reach target torque and effectively manage the fastening process.

The IQWrench3 has a large memory capacity for results and jobs storage, plus an upgraded battery system for overall improved performance and efficiency, making it ideal for assembly and quality control applications.

Key Features

- Available in ranges from 10Nm up to 1500Nm
- Accuracy of ±0.25% FSD for high-precision fastening
- Advanced software and torque measurement modes including MoveOn, Yield and Re-tighten
- Illuminated LED flashlight for increased visibility in darker, confined spaces
- OLED screen with simple menu system for easy navigation and viewing of results and data
- Increased internal memory for critical data storage
- Interchangeable adapter heads and 'Auto-ID' for auto length compensation and multiple job use
- FOD (Foreign Object Debris) Compliant for use in the Aerospace & Automotive industries (available on request)
- Point-of-load 'insensitive' - no incorrect hand position; torque can be applied from any position on the wrench

Our most advanced and efficient digital torque wrench ever created.

- Accurately tighten, measure and simultaneously record thousands of critical fastener results, readings and data directly on the wrench.
- Compatible with all typical wrench head adapters including Fixed, DIN and ID heads. Crane's Auto-ID system can be added to DIN heads.
- Supplied with a charging cradle equipped with a USB port for additional comms functions such as programming 'jobs' and 'rounds', as well as to directly download readings from the cradle.
- Optional 1D & 2D barcode reader for simple 'job' and 'round' selection or to identify Part and VIN numbers during the assembly/audit process.

Selected Product Codes	Range
IQW3A-0010-CRDARB	10Nm Advanced Angle With DIN Head and Barcode
IQW3A-0010-CRFARB	10Nm Advanced Angle With 1/4" Fixed Head and Barcode
IQW3A-0025-CRDARB	25Nm Advanced Angle With DIN Head and Barcode
IQW3A-0075-CRDARB	75Nm Advanced Angle With DIN Head and Barcode
IQW3A-0120-CRDARB	120Nm Advanced Angle With DIN Head and Barcode
IQW3A-0180-CRDARB	180Nm Advanced Angle With DIN Head and Barcode
IQW3A-0250-CRDARB	250Nm Advanced Angle With DIN Head and Barcode
IQW3A-0340-CRDARB	340Nm Advanced Angle With DIN Head and Barcode
IQW3A-0600-CRDARB	600Nm Advanced Angle With DIN Head and Barcode
IQW3A-0750-CRFARB	750Nm Advanced Angle With 3/4" Fixed Head and Barcode
IQW3A-1000-CRFARB	1000Nm Advanced Angle With 1" Fixed Head and Barcode
IQW3A-1500-CRFARB	1500Nm Advanced Angle With 1" Fixed Head and Barcode

For pricing, availability or further technical information about the IQWrench3, please contact us online at www.crane-electronics.com or alternatively, email us at sales@crane-electronics.com.

Technical Specification

Measurement Units:	Nm, Ncm, kgcm, kgm, lbin, lbft, kNm, klbft.
Measurement Modes:	Track, Peak, Angle, Audit, MoveOn, MoveOn Adv., Yield, Re-tighten
Data storage:	Over 3000 jobs and 20,000 readings in storage mode with time and date stamp. 32GB internal storage.
Construction:	Shaft material: Steel. Housing: Aluminium. Square drives fitted with pin and spring socket retainer. DIN sockets with a quick release function.
Display:	40mm x 30mm colour OLED display.
Keypad:	4 navigational arrow keys, Enter/OK and Power/Back buttons.
Communication:	Communicates via USB-C and the supplied cradle.
Battery:	Re-chargeable and user swappable Lithium-Ion battery.
Cycle Status Indication:	Audible buzzer alert, vibration alert, 3-colour LED light ring.
Operating Environment:	Temperature: +5 to +40°C Humidity 10-75% non-condensing IP Rating: IP50
Zero Stability:	<± 0.02% FSD/ °C
Static Accuracy:	± 0.25% FSD
Warranty:	12 months parts and labour against faulty workmanship or materials.

crane

Locations

UK - Watling Drive, Hinckley, Leicestershire LE10 3EY
USA - 1260 11th Street West, Milan, Illinois 61264
Germany - Im Rank 5, 73655 Plüderhausen