



## **IQWrench3**

Advanced digital torque wrench with built-in data collection.

The NEW IQWrench3 is the latest in a long line of innovative torque wrenches from Crane Electronics. 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 is available in two different versions; an advanced 'Quality Auditing' model or a fortified 'Production' version. The new wrenches deliver all of the expected features that made their predecessors such a success, as well as a host of new features.

A new colour OLED screen provides clear and easy-to-view results and readings with a straightforward menu system for easy navigation. The new LED torch and improved 360° lighting make it effortless to reach target torque and manage the fastening process.

The IQWrench3 also has a considerably larger memory capacity and an upgraded battery system for overall improved performance, efficiency and reliability.

### **Key Features**

- Available in ranges from 25Nm up to 1500Nm
- Advanced software and torque measurement modes including MoveOn, Yield and Re-tighten
- Multiple comms options including RF, Wi-Fi & Bluetooth
- Illuminated LED torch for increased visibility in darker, confined spaces
- Colour 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
- 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.
- Can be supplied with a standard charging cradle or a USB port version for additional comms features including 'jobs' and 'rounds' programming plus download readings direct 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-0025-CRDARB	25Nm Angle, RF, Barcode - DIN Head
IQW3A-0075-CRDARB	75Nm Angle, RF, Barcode - DIN Head
IQW3A-0120-CRDARB	120Nm Angle, RF, Barcode - DIN Head
IQW3A-0180-CRDARB	180Nm Angle, RF, Barcode - DIN Head
IQW3A-0340-CRDARB	340Nm Angle, RF, Barcode - DIN Head
IQW3A-0600-CRDARB	600Nm Angle, RF, Barcode - DIN Head
IQW3A-0025-CRDARX	25Nm Angle, RF - DIN Head
IQW3A-0075-CRDARX	75Nm Angle, RF - DIN Head
IQW3A-0750-CRFARB	750Nm Angle, RF, Barcode - 3/4" Fixed Head
IQW3A-1500-CRFARB	1500Nm Angle, RF, Barcode - 1" Fixed Head
IQW3A-0750-CRFARX	750Nm Angle, RF - 3/4" Fixed Head
IQW3A-1500-CRFARX	1500Nm Angle, RF - 1" Fixed Head

For pricing, availability or further technical information about the IQWrench3, please contact us online at [www.crane-electronics.com](http://www.crane-electronics.com) or alternatively, email us at [sales@crane-electronics.com](mailto: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, Retighten
- 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.
- Connectivity:** RF, Bluetooth and Wi-Fi 2.4/5GHz versions available.
- Ports:** USB-C
- Battery:** User swappable Lithium-Ion battery.
- Cycle Status Indication:** Audible buzzer alert, vibration alert, 3-colour LED lighting.
- Operating Environment:** Temperature: +5 to +40°C Humidity 10-75% non-condensing IP Rating: IP50
- Zero Stability:** <math>\pm 0.02\% \text{ FSD} / ^\circ\text{C}</math>
- Static Accuracy:**  $\pm 0.25\% \text{ FSD}$
- Warranty:** 12 months parts and labour against faulty workmanship or materials.



## Locations

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

