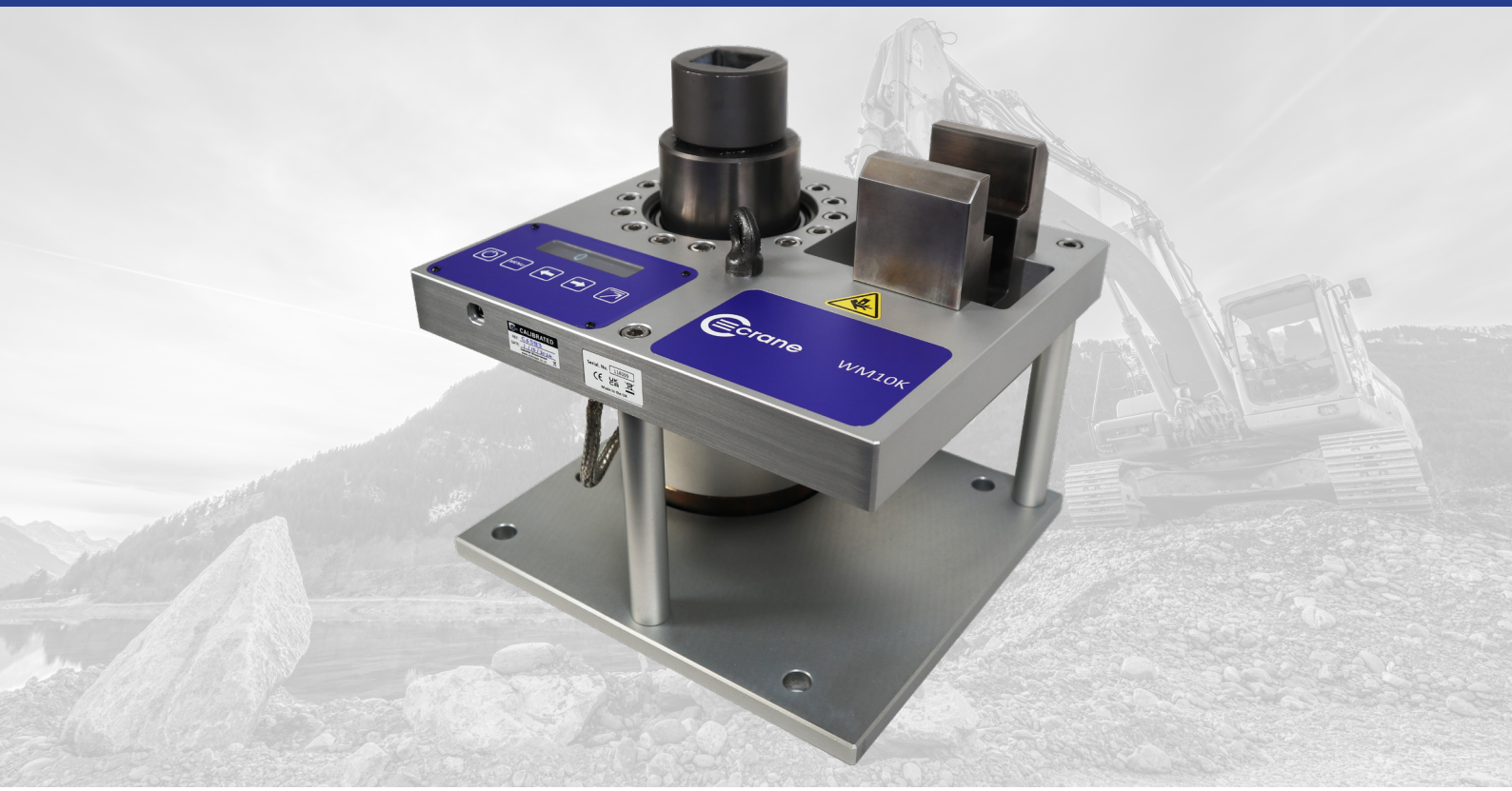
The force in torque management



WM10K

Torque tester for high torque levels up to 10,000Nm

The WM10K torque tester has been developed to allow users to check torque accuracy, run calibration tests and create calibration certificates prior to the use of continuous rotation torque tools in a variety of applications on-site.

The WM10K is designed for use with pneumatic and electric torque multiplier tools and other high torque tools. A heavy-duty, adjustable reaction block facilitates use with many standard tools. A secondary reaction post enables use with a variety of additional tools that do not fit the standard reaction block.

The compact and lightweight construction makes it ideal for use in production and assembly workshops, in the field or bolted down in a maintenance van. The WM10K is capable of accurately measuring torque from 200Nm to 10,000 Nm. A digital display indicates the torque output.

The procedure to calibrate wrenches uses 5 different measurements for 5 torque values, resulting in a calibration certificate.

Key Features

- Accurately measures torque output for continuous rotation tools from 200 Nm to 10,000 Nm
- Adaptable design enables use with a large variety of torque wrenches and tools
- Internal Lithium-ion battery pack, external power via 5V DC USB power supply
- Standard USB cable for communication with Windows-based PCs
- A small OLED display that is clear and bright
- Peak and Track measurement modes
- Integrated digital interface enables torque values to be displayed, saved, printed or transferred to a computer utilising Excel software

The easiest way to test high power pneumatic and electric continuous rotation tools and high torque tools.

- The compact design of the WM10K facilitates easy transport, allowing calibrations to be carried out in the workshop, on job sites, or even in a the back of a maintenance vehicle if bolted down.
- The integrated digital interface enables torque values to be displayed, saved or transferred to a computer utilising simple spreadsheet software.
- Supplied with two different and adjustable reaction blocks making it compatible with many standard and non-standard tools.

Product Code	Range
WM10K	WM (WrenchMate) 10kNm With Companion Software

Digital Display Module

The WM10K's digital display module features a clear, white OLED screen. This facilitates the display, collection, storage and processing of torque results and readings.

The module can run on battery power or it can be plugged into an outlet. Each WM10K is equipped with a global outlet adaptor that allows the tool to be used with many electrical systems.

Technical Specification

Operating Temperature:	32°F [0°C] to 122°F [50°C]
Power Requirements:	The WM10K will have an internal rechargeable Li-Ion battery pack. External power for charging will be supplied via a 5V DC USB power supply. USB Data output is a requirement via USB type B connector.
Data Comms:	USB
IP Rating:	The unit will meet IP51. (Limited protection against dust ingress. Protected against vertically falling drops of water or condensation.)
Accuracy:	The accuracy of the WM10K is calibrated to meet or exceed: 1% of FSD from 2% to 8% of torque range and 1% of reading from 8% to 100% of torque range.
Range:	2% to 100% [148 Ft.lbs to 7375 Ft.lbs (200Nm to 10,000NM)].
Filter:	Selectable Hz filter: 125, 250, 500, 1000, 1500, and 2000.
Torque Measurement:	Display up to 5 significant figures. Sample every 20 micro seconds
Warranty:	12 months parts & labour warranty

For pricing, availability or further technical information about the WM10K, please contact us online at www.crane-electronics.com or alternatively, email us at sales@crane-electronics.com.

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Locations

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