













FSC TORQUE

Tool & Wrench

Advanced precision torque tester, ideal for accurate verification or adjustment of virtually any manual or electric wrench, and screwdriver. Easily adaptable to any working environment and processes.



Features and Functions

 Built-in USB Port	 Removable MicroSD Card	IOIO Built-in RS232 Interface
 6 Modes and Application	 Onscreen STATS and Analytics	 1000Hz Data Capture
 2.75" Vivid LCD Display with Backlight	 Intuitive Sealed Keypad	 Onscreen Graphing and Histogram
 Built-in Wireless Data Transmitter	I/O Input / Output Input Output for External Control	 Rugged Design

Modes and Applications

- Peak Mode
- Multi-Peak Mode
- Fill Meter
- Standard Mode
- Pass / Fail
- Peak Sensitivity

Built-in Wireless Data Transmitter

Equipped with a built-in short distance wireless data transmitter which allows for a cable-free connection to your Windows PC, Laptop, or Tablet.

Accepts a wide variety of torque wrench sizes

The loadcell socket accepts any 1/4" drive wrench and 1/4" to 3/8" drive adapters. Easily adapt the torque sensor to your existing work bench.

Verify the setting of virtually any torque tool

Heavy duty rugged design makes the FSC torque gauge ideal for almost any fastener assembly application. Reliable design, ease of use, and adaptability to your existing workbench or tabletop improves productivity.



USB, RS232, Wireless, & Analog I/O Interface

Easy PC connectivity via USB or Wireless which is standard on all FS torque gauges. Built-in analog input-output port for threshold signaling and control of external peripherals.



Removable MicroSD Memory

MicroSD expansion slot increases available memory. All data results and measurements are saved directly to the SD card in a ".txt" format. Stored data can be seamlessly transferred to your PC



In-the-Box

- microSD Card
- Wireless Dongle Receiver
- Loadcell
- Rechargeable Batteries
- RS232 Cable
- Analog I/O Cable



Specification

Model	FSC2	FSC5	FSC10
Capacity	17lbf.in 0.2kgf.m 2Nm	44lbf.in 0.5kgf.m 5Nm	100lbf.in 1kgf.m 10Nm
Resolution	0.01lbf.in 0.1gf.m 0.001Nm	0.01lbf.in 0.1gf.m 0.001Nm	0.1lbf.in 1gf.m 0.01Nm
Sampling Rate	1000Hz		
Accuracy	± 0.5% Full Scale		
Overload	150% Full Scale (Display Limit: 110%)		
Interface	BT Wireless, USB (B Type), RS232, microSD (SDHC Class 4)		
Input / Output Port	YES (THR)		
Measuring Units	Nm, N.cm, kgf.m, gf.m, lbf.in		
Power Supply	12V, 1.2A,		
Rechargeable Batteries	4 x Ni-MH 2700mAh		
Battery Operating Time	16h (LCD Backlight OFF, BT Wireless OFF) 13h (LCD Backlight ON, BT Wireless OFF) 10h (LCD Backlight ON, BT Wireless ON)		
Torque Sensor Dimensions	Base: ø 3.58 in Head: ø 1.75 in x Height: 2.6in (ø 91mm ø 44.7mm x 66mm)		
Torque Sensor Wrench Socket Opening	1/4"		
Torque Sensor Weight	1.5 lbs (615g)		