













FSB TORQUE

Chuck Clamp

High precision chuck clamp torque gauge designed for clockwise and counterclockwise testing. Ergonomic external loadcell sensor with handles assures handheld stability. Easily connect virtually any bit, grip or attachment compatible with conventional chuck clamps.

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.

Accept virtually any bit, grip, or attachment

Heavy duty torque sensor makes the FSA ideal for virtually any clockwise and counter clockwise application. Precision chuck clamps accepts bit or attachment as small as 1/16".

Heavy Duty External Remote Sensor

Detachable loadcell handles provide ultimate comfort and stability while operating the torque gauge sensor in your hand. The FSB torque gauge is overload protected up to 150% full scales.



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
- Chuck Clamp Loadcell
- Load Cell Handles
- Rechargeable Batteries
- RS232 Cable
- Analog I/O Cable



Specification

Model	FSB2	FSB5	FSB10
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, 1.2 V		
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 w/ Chuck Dimensions	∅ 1.97in x 7.28in (∅ 50mm x 185mm)		
Torque Sensor w/ Chuck Dimensions	1.9lb (860g)		
Indicator Weight	1lb (415g) (not including load-cell)		