

Innovative Torque Measurement

Converts your standard ½" ratchet into a highly accurate electronic torque wrench



www.fasttechnology.com

FAST is an acronym for measurements of...

Force
Angle
Speed
Torque

ISO9001

Quality assured firm

About FAST

FAST Technology AG is focused on the development and manufacture of non-contact sensors used to measure physical parameters such as torque. These sensors find applications in the monitoring and control of machinery and equipment in a wide variety of industries including power fastening tools, automotive, aerospace, factory automation, machine tools, textiles, white goods, pumps, mixers and exercise equipment. Anywhere, in fact, that rotating shafts are used to transmit power.

The great advantage of the FAST technology is the ability to turn almost any steel shaft into a high precision sensor. This leads to very cost effective and robust sensor solutions. In addition the FAST sensors can detect extremely high frequency load changes, can measure at extremely high RPM and are very compact.

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Torque Measuring System - Series 1000 for standard ½ inch wrenches

Measure torque digitally for a price less than a typical mechanical torque wrench!

This easy to use digital torque sensor and hand held readout unit is perfect for home or professional use. The set is used as an extension of your ½" wrench allowing you to accurately apply torque to all types of joints and threaded fasteners. The sensor is rotary – for ease of use with handheld fastening operations. (Not meant for motor driven wrenches)

The dynamic sensor is extremely robust and the miniature size allows for use in tight fit areas.



Features

1. Technical characteristics

- Measuring range: ± 150 Nm (± 111 lb-ft)
- 4 MHz processor, 2 kHz sampling
- Peak mode effective sampling frequency of 250 Hz
- Powered by standard 9 volt battery

2. High Accuracy

- +/- 3% of reading for 68 to 150 Nm (50 to 111 lb-ft)
- +/- 2 Nm (1.5 lb-ft) for less than 68 Nm (50 lb-ft)

3. Intelligent Design

- Sensor for ½ inch wrenches
- Rotary sensor housing – therefore no cable windup problems
- Rugged digital torque meter with large LCD display

4. Professional Functions

- Continuous tracking, peak hold and target alarm modes
- Programmable target torque
- Acoustic alarm when reaching target torque
- Auto power shut off
- Selectable units: Nm or lb-ft