

SureTorque Model ST-FT1

Basic Force / Torque Indicator Model ST-FT1 with Chuck Calibrator Kit

The ST-FT1 digital force / torque indicator is designed to work with a wide range of remote force and torque sensors. With exclusive Plug & Test™ technology, all calibration and configuration data is saved within the sensor's smart connector, not the indicator, allowing for true interchangeability.

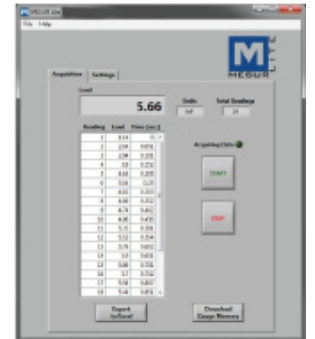
The sampling rate is 2,000 Hz, producing accurate results under a wide range of test conditions. A backlit graphic LCD displays large characters, and a menu is available to access the gauges' features and configurable parameters.

The display also features an analog load bar for graphical representation of applied load, as well as set point indicators for pass-fail testing. USB output is provided for data collection purposes. The gauges include MESUR™ Lite data acquisition software. MESUR™ Lite tabulates continuous or single point data. One-click export to Excel allows for further data manipulation.



Features

- Interchangeable force and torque sensors through Plug & Test™ technology
- High-speed 2,000 Hz sampling rate
- USB data output of continuous or individual data points
- Ultra-compact size
- Large backlit graphic display
- Programmable set points with pass/fail indicators
- Live load bar graph with set point markers
- Peak readings and set points always displayed
- Configurable audio alarms and key tones
- 4 selectable units of measurement
- MESUR™ Lite data collection software included



MESUR Lite data acquisition software is included with the ST-FT1

Display Indicators



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Focus on Engineering: Plug & Test™ Technology



Unique Plug & Test™ technology allows all calibration and configuration data to be saved in the smart connector.



The Plug & Test™ connector locks into the receptacle in the indicator when fully inserted. Dual buttons on the indicator housing release the connector for easy removal. Gold plated spring contacts ensure long lasting and reliable connection.

Specifications

Accuracy:	±0.2% of full scale + sensor
Sampling Rate:	2,000 Hz
Power:	AC or rechargeable battery. Multi-step low battery indicator is displayed, gauge shuts off automatically when power is too low.
Battery Life:	Backlight on: up to 7 hours of continuous use Backlight off: up to 24 hours of continuous use
USB Output:	Configurable to 115,200 baud.
Environmental Requirements:	40 - 100°F, max. 96% humidity, non-condensing
Weight:	0.7 lb [0.3 kg]
Included Items:	Carrying case, universal voltage AC adapter, battery, quick-start guide, USB cable, resource CD (USB driver, MESUR™ Lite software, MESUR™ gauge DEMO software, and user's guide), and certificate of conformance.
Warranty:	1 year (see individual statement for further details)



ST-FT1 complete with Calibrator Kit now available

Dimensions in [mm]

