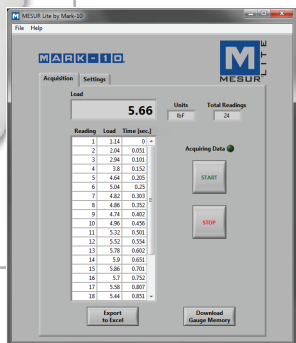




MESUR™ Lite data acquisition software is included with the 5i



The 5i advanced digital force / torque indicator is designed to work with a wide range of Mark-10 remote force and torque sensors (see page 3). 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. In addition, all sensors are fully compatible with other Mark-10 indicators.

The 5i shares its menu structure and most specifications with Series 5 digital force gauges. The sampling rate is a blazing fast 7,000 Hz, producing accurate results even for quick-action tests. A large, backlit graphics LCD displays large, legible characters, while the simple menu navigation allows for quick access to the indicator's many features and configurable parameters. Data can be transferred to a PC or data collectors via USB, RS-232, Mitutoyo (Digimatic), or analog outputs.

On-board data memory for up to 1,000 readings is included, as are statistical calculations with output to a PC. Integrated set points with indicators and outputs are ideal for pass-fail testing and for triggering external devices such as an alarm, relay, or test stand. An analog load bar is shown on the display for graphical representation of applied force or torque.

The 5i's averaging mode addresses the need to record the average load over time, while external trigger mode makes switch activation testing simple and accurate.

The 5i includes MESUR™ Lite data acquisition software. MESUR™ Lite tabulates continuous or single point data. Data saved in the indicator's memory can also be downloaded in bulk. One-click export to Excel easily allows for further data manipulation.



5i is shown mounted to an optional AC1008 tabletop stand with Series R50 torque sensor

Features

- Interchangeable force and torque sensors through Plug & Test™ technology
- Sensor password protection, for preventing use of an unauthorized sensor
- High-speed 7,000 Hz sampling rate
- USB, RS-232, Mitutoyo, and analog outputs
- 1,000-point data memory with statistics and outputs
- Live load bar graph with set point markers
- Programmable set points, with indicators and outputs
- Peak readings and set points always displayed
- Averaging mode - calculates average readings over time
- External trigger mode - for switch contact testing or remotely stopping display update
- Configurable audio alarms and key tones
- Password protection of individual keys and calibration

Display Indicators

