



MODEL 3210

LABMASTER PORTABLE

- Portable data recorder with 4-channel high-speed data acquisition card
- Transducer signal conditioning card
- Durable hard shell case enclosure
- Includes LabMaster for Windows® fastener testing software for PC interfaced via USB port
- Accepts inputs for torque angle transducers and load cells
- Auxiliary channel accepts low-level and high-level outputs from sensors and other analog output devices

TYPICAL APPLICATIONS

- Torque-Tension Testing
- Bolted Joint Analysis
- Fastener Coatings, Lubrication, Finish and Plating Evaluation
- Power Tool Testing and Analysis
- Prevailing Torque Testing
- Yield Determination
- Bolt, Nut, Locknut, and Self-tapping Fastener Testing

TEST, ANALYZE, CERTIFY

The LabMaster Portable is an advanced, multi-purpose system designed to test threaded fasteners, analyze bolted joints, and certify power tools. It's comprised of two components: the LabMaster Portable module that contains data acquisition and a laptop or desktop PC running the LabMaster for Windows® testing software. The module and computer interface using a USB port.

LabMaster for Windows® software provides a user-friendly graphic interface. The test setup directory simplifies testing by providing access to all pertinent setup files as well as previously recorded graphic and numeric data. Quickly retrieve or edit existing test setups, select different sensors, or adjust the built-in test modes to meet specific test requirements.

Once the test is set up, the system conducts all data acquisition operations. Recorded data is then displayed and managed via PC for access to network printers, archiving, and communications. Four analog inputs are available on the LabMaster Portable module to accept data signals from transducers, strain gages, load cells, torque cells, force washers, bolt extensometers, ultrasonic devices, and any 10 V analog device.

