

METERS AND JUNCTION BOXES

MODEL 4177 VIBRATION METER - Acceleration, Velocity and Displacement

A simple battery operated vibration meter with selectable readout in peak g's, peak In/Sec or peak to peak Mil's. Accepts inputs from 100mV/g sensors. LCD readout displays three full-scale ranges for each of the three parameters: 1, 10 & 100 with a 100 mV/g sensor. The power is provided by a 7.2 Volt rechargeable NI-CAD battery.

FEATURES:

- Sensor Circuit Checkout Lights
- Battery Test
- BNC Output Jack
- Case Size: (L x W x H) 7" x 4.5" x 1.5"
- Weight: 1 Lb.
- Overload Indicator
- Battery Charger Supplied
- Recommended System: 3148D Accelerometer, 6190 Magnet, 6436A05 Cable



FIXED FREQUENCY PORTABLE SHAKER - Model 5350

The Model 5350 Fixed Frequency Portable Shaker is a field portable vibration transducer tester for verifying the performance of vibration transducers and cables, as well as for checking the functionality and accuracy of a measurement loop.

The User selects Acceleration, Velocity or Displacement in English or Metric units. The vibration frequency is fixed, yet amplitude is adjustable. A built-in reference accelerometer and digital indicator allow precise test level setting.

FEATURES:

- Built-in NIST traceable reference accelerometer
- Portable, battery powered
- Digital display of Acceleration, Velocity or Displacement
- Adjustable test level



JUNCTION BOXES - 6 or 12 Channel

Non-powered junction boxes allow remotely mounted sensors to be routed to a safe, convenient location. Speeds data collection and saves route time by centralizing measurement locations. NEMA 4 enclosure resists moisture penetration. Data collector provides power to sensor as the rotary switch in the junction box is turned. Installs with 4 bolt pattern.

- 6 Channel: Model 4206, Mil-C-5015 style output connector
- 12 Channel: Model 4212, Mil-C-5015 style output connector



CABLE TERMINATION BOXES - 1, 2, 3 or 4 Channel

These non-powered Nema 4X cable termination boxes allow one, two, three or four accelerometer channels to be conveniently routed to a centralized location. The BNC outputs with protective caps promote hassle free data collection. Inputs are provided with moisture resistant cord grips for sturdy cable strain relief. Input cables are electrically connected via a convenient terminal strip located inside the box. Installs with four bolt mounting pattern. Box dimensions: 2" x 4" x 1.5".

- 1 Channel: Model 4301, BNC output jacks
- 2 Channel: Model 4302, BNC output jacks
- 3 Channel: Model 4303, BNC output jacks
- 4 Channel: Model 4304, BNC output jacks

