

News Release

Model 606M2 Triaxial Accelerometer for Whole Body Vibration Studies



Measurement Specialties, Inc. (NASDAQ: MEAS) has just released to production its [Model 606M2](#) IEPE, triaxial seat pad accelerometer. This device is specifically designed for characterizing whole body vibration in accordance with ISO 2631-1 and ISO 8041. The nitrile rubber seat pad incorporates a removable triaxial IEPE accelerometer with 100mV/g output sensitivity. The Model 606M2 is designed for low frequency measurements with a measurement resolution of <0.4mg. A detachable 10ft cable is included with three BNC connectors for simple interface.

The ISO 10326-1 compliant seat pad accelerometer requires an input voltage of 18-30Vdc and provides a ± 5 Vdc full scale output. This rugged device features a dynamic range of ± 50 g with over shock protection to $\pm 5,000$ g. The accelerometer is specifically designed for low frequency measurements from 0.5 to 1000Hz and provides a stable, reliable output over a temperature range of -20°C to +85°C.

The ease of installation of the Model 606M2 makes it ideal for whole body vibration studies in a variety of mobile applications, biodynamic research, transportation and flight testing. Each unit is packaged with an NIST traceable calibration certificate. These devices are EAR99 export compliant and warranted for a period of one year from date of shipment to original purchaser to be free from defects in material and workmanship.

Measurement Specialties, Inc. designs and manufactures sensors and sensor-based systems. The company produces a wide variety of sensors and transducers to measure precise ranges of physical characteristics such as pressure, force, vibration, torque, position, temperature, humidity, fluid properties, mass air flow and photo optics. Measurement Specialties uses multiple advanced technologies – including piezo-resistive, electro-optic, electro-magnetic, variable reluctance, magneto resistive, digital encoders, thermistors, thermocouples, RTDs, capacitive, resonant beam, application specific integrated circuits (ASICs), micro-electromechanical systems (MEMS), piezoelectric polymers and strain gauges to engineer sensors that operate accurately and cost-effectively in customers' applications.

For more information about Measurement Specialties and our products, email t&m@meas-spec.com or visit us at www.meas-spec.com.