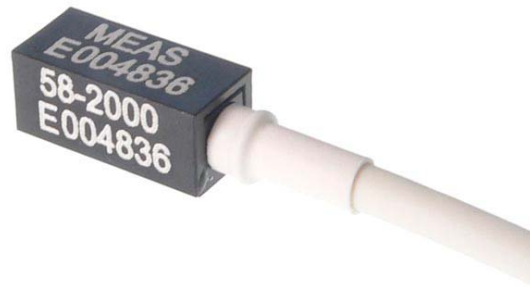


## Model 58 Accelerometer for Crash & High Impact Testing



Measurement Specialties, Inc. (NASDAQ: MEAS) has just released the [Model 58 accelerometer](#) to production. This sensor is a MEMS DC response accelerometer designed for auto safety crash testing. It is packaged in a rugged housing with a shielded low-noise cable specifically designed for crush zone testing. The Model 58 accelerometer features a full bridge output configuration with a temperature range from -20 to +85°C. A slight amount of internal gas damping provides outstanding shock survivability and a flat amplitude and phase response up to 4000Hz.

Although the Model 58 was intended for impact and shock testing in auto safety applications, it can also be utilized in various aerospace, military and civil engineering applications. Designed to be adhesively mounted, this device operates from 2 - 10Vdc excitation with electrical output ratiometric to voltage input. An optional signal conditioner ([Model 101](#)) and auto-zero in-line amplifier ([Model 140](#)) are available for ease of installation.

Each unit is packaged with an NIST traceable calibration certificate. Post sale factory calibration is supported by MEAS' California Vibration Design Center and its two manufacturing facilities in China and France. 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 [sensors.help@meas-spec.com](mailto:sensors.help@meas-spec.com) or visit us at [www.meas-spec.com](http://www.meas-spec.com).