



SUMMIT
INSTRUMENTS

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NEW IdentiCal™ INTERCHANGEABLE SENSORS

Akron, OH (May 28, 2010) – Summit Instruments, Inc. announces new IdentiCal™ interchangeable sensors. Available in single-axis accelerometer and rate gyro versions, these sensors simplify management of calibration data, and are among the most accurate available for use in demanding environments.

IdentiCal™ interchangeable sensors have standardized offset and gain, which eliminates the need to enter new calibration data each time a subsequent sensor is installed. Perfect for high volume applications, users can expect the same consistency from any item of the same model number.

Enhanced accuracy features result in just 0.5% typical variance over temperature and time. Accuracy analysis includes offset, gain, and nonlinearity. Testing under extreme conditions verifies expected performance in all types of environments, including the entire -40 °C to +85 °C temperature range.

A tough, compact housing holds potted electronics and a shielded Teflon 22 AWG cable. Connector options include convenient terminal tubes as well as a traditional D-sub connector. The sensors' approximately one inch cubical form allows mounting with the sensing axis oriented in any direction. IdentiCal™ sensors meet standards for electromagnetic compatibility, climatic and corrosive environment, and robustness to lubricants as well as shock and vibration.

A manufacturer of precision test instruments and sensors such as accelerometers, rate gyros, and inertial measurement systems, Summit Instruments develops and manufactures products for use in industrial, military, aerospace, and other demanding applications. Additional information about Summit Instruments, Inc. can be found on the web at www.summitinstruments.com.

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