



## Sensor & Instrumentation Line-Card Volume 18

Sentech Measurements specializes in the engineering sales representation of sensor and instrumentation technologies for Test, OEM, Process Control, and R&D applications. We are sensor experts. Our continued success is credited to the high level of pre-sales assistance and post-sales support that we provide. We are available to help you with application support and analysis, sensor selection and specification, demonstration and evaluation units, or custom OEM sensor designs. Following, you will find a brief outline of the companies we represent. They are among the finest in their respective industries, combining quality products with excellent customer service.



Optical distance sensors employing laser triangulation and time-of-flight principles. TOF sensors are for long-distance applications up to 3000 meters. IP67 rating. Triangulation sensors use visible (or infrared) light, ranges of mm to 1.3m. Outputs: RS232, RS422, 4-20 mA, or 0-10Vdc. [www.acuitylaser.com](http://www.acuitylaser.com)



MEMS based OEM all media pressure sensors. Pressure ranges: 1 to 10,000 PSI, gage or absolute. 316L, hastelloy, titanium, or plastic with gel-fill. 9 mm to 19 mm dia. Threaded, basic or custom ports. POSIFA MEMS thermal mass flow sensors. Bare die or packaged with analog output. [www.baystar-inc.com](http://www.baystar-inc.com)



Strain gage installation for R&D and OEM applications. Cryogenic to 2,000° F. Rokide™ capability. Instrumentation and cabling service. Design, manufacture, and test of custom components and transducers. Specializing in medical, gas turbine, and automotive R&D. [www.hitecorp.com](http://www.hitecorp.com)



Turbine flow meters for gases and liquids. Ultrasonic and magnetic flowmeters. Signal conditioners, indicators, and flow computers for industrial, pipeline, 3A sanitary, OEM, cryogenic, and custody transfer. Factory stock program and the best warranty in the industry. [www.hofferflow.com](http://www.hofferflow.com)



Load cells, torque transducers, and instrumentation. Capacities from grams to 2,000,000 pounds. In-line amplifiers, signal conditioners, indicators, and controllers. Gold standard force calibration systems. NIST, Navlap & A2LA accredited calibration services. [www.interfaceforce.com](http://www.interfaceforce.com)



Non-contact vibration, displacement, position measurement sensors utilizing laser triangulation, fiberoptic and capacitive measurement technology. Semiconductor, metrology, and vibration/balancing systems. Tensile, compression, and bend test machines. [www.mtiinstruments.com](http://www.mtiinstruments.com)



Linear displacement LVDT technology based sensors. Both AC and DC powered. Amplified outputs. Standard ranges from .01 to 37 inches. High temperature (1100F), cryogenic, submersible, radiation hardened models, signal conditioning. [www.rdpelectrosense.com](http://www.rdpelectrosense.com)



Magnetostrictive linear position sensors. High accuracy (0.02% Typ). Strokes up to 300 inches. Analog and digital output. High temperature, high vibration, in-cylinder, external mounting, or flexible rod type. Custom OEM configurations. Drop-in replacements for MTS and Balluff. [www.santest.co.jp/en/](http://www.santest.co.jp/en/)



MEMS integrated mass flow sensors for extended dynamic rangeability, ultra low power consumption, high sensitivity at low flows, low pressure loss and priced for OEM's. Analog or Digital user interfaces. 0.5 mm to 2.0 m diameter line sizes. Innovative packaging with self-flow conditioning. [www.siargo.com](http://www.siargo.com)



Pressure mapping systems. Real-time or recorded measurement of 2-D pressure/force distribution. Thin flexible sensors in ranges from 5 PSI to 25,000 PSI. Industrial, medical, and high-speed systems. Seating and bedding analysis. Tire, wiper, brake, and sealing systems. [www.tekscan.com](http://www.tekscan.com)



High-accuracy, heavy duty pressure sensors for process control, test, aerospace, sanitary, and oil & gas markets. Absolute, gage, and differential pressure sensors in ranges from inches of water to 100,000 PSI. Explosion-proof, intrinsically safe, and 3A sanitary sensors. [www.viatran.com](http://www.viatran.com)

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