Temperature
Thermocouples: general purpose, hand-held, RTD, and industrial probes. In addition to our standard products, we can also custom design and build probes to your specifications.

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• Temperature transmitters: 4-20mA, HART, & wireless signal conditioners, digital indicators, & closed-loop controllers for temperature applications

Wireless/Telemetry
The smallest, lightest, most power efficient, wireless measurement systems for torque, acceleration and other sensing application.

• Wireless telemetry
• Strain gage amplifiers & signal conditioners
• Indicators & digital display electronics

Environmental Testing
Environmental test chambers including: temperature, humidity, thermal shock, & altitude chambers.

• TestSmart

Flow
Flow meters: Turbine, Coriolis, magnetic, positive displacement, oval gear, & more.

• Badger Meter
• Cox

• Flow Dynamix NVLAP flow calibration services
• High precision flow meter calibration systems

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Displacement
Non-contact capacitive displacement sensors, gap sensors, bore gauges, parallelism and density sensors with matching capacitance amplifiers, data acquisition systems, linearization & display software.

• Acuity Laser Measurement
• Capacitec

• LVDT displacement transducers for all applications
• Signal conditioning, amplifiers & digital displays

• Dynamic/Piezo-electric sensors: acceleration, force, & pressure

• Health Monitoring Systems (HUMS) accelerometers
• Calibration Services for dynamic sensors from all manufacturers

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Custom OEM Pressure Solutions
• Pressure sensors: MEMs, MEMS isolated, Bonded Foil, & Capacitive
• Pressure gauges: Digital & analog dial; diaphragm & bourdon tube
• Pressure & vacuum switches

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Custom manufacturer of wire harnesses, interconnects, cable & wire assemblies including over-molding.

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Custom OEM pressure & torque
• Sensor design & manufacturing
• Amplifiers & integrated electronics
• OEM transducer manufacturing

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OEM/Custom Sensors & Contract Manufacturing
Manufacturer of force sensors & other strain-gage based sensors, specializing in custom OEM applications for aircraft applications including sensors for flight controls, braking, steering, and fuel systems.

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• Point-lasers & 2D/3D line scanners (triangulation & time-of-flight technology)
• Confocal chromatic displacement measurement systems
• Hi-accuracy position, thickness, & surface measurements

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