



TESTING LABORATORIES

SENSORS AND INSTRUMENTATION

 **PCB PIEZOTRONICS**
AN AMPHENOL COMPANY

 **ENDEVCO**
AN AMPHENOL COMPANY

pcb.com | 1 800 828 8840

ACCELEROMETERS

The most extensive offering of dynamic sensors from any manufacturer; utilizing piezoelectric and MEMS sensing elements with ICP®, charge, and DC voltage outputs.

- Over 200 stock models ranging from 1.0 µg to 200,000 g
- Frequency range: 0 Hz to 26 kHz
- Operating temperatures from -452 to +1,200 °F (-269 to +650 °C)
- Sensitivities from 0.05 mV/g (shock) to 10.0 V/g (seismic)
- Special models for high temperature, cryogenics, high frequency/filters, isolation



FORCE SENSORS

Dynamic and quasi-static sensors used in actuation, impact, impulse, reaction, and compression / tension; comprised of force rings, force links, and impact sensors.

- Over 50 models ranging from 10 lb to 100,000 lb (44.5 N to 444.8 kN)
- Frequency range: 0.0003 Hz to 100 kHz
- Operating temperatures from -100 to +400 °F (-73 to +204 °C)
- Sensitivities from 0.05 mV/lb to 2,200 mV/lb
- ICP® & charge outputs available



ACOUSTICS

A diverse offering of sound measurement products, including prepolarized (0V), externally polarized (200V), and array microphones. Complemented by an assortment of preamplifiers, signal conditioners, filters, handheld calibrators, and accessories.

- Dynamic ranges from 6.5 dBA to 183 dB
- Frequency range: 0.1 Hz to 100 kHz
- Operating temperatures from -40 to +1,472 °F (-40 to +800 °C)
- Sensitivities from 0.25 mV/Pa to 450 mV/Pa
- Special models for 48V phantom power, water and dust concerns, ATEX hazard approved, and more



PRESSURE SENSORS

Dynamic and static pressure sensors with the ability to measure small pressure fluctuations at high static pressures. Used in many applications such as: blast / ballistic, wind tunnels, hydraulic / pneumatic systems, and general pressure measurement requiring fast rise time with a wide dynamic range.

- Over 100 models ranging from 1 psi to 120,000 psi
- Frequency range: 0 Hz to 1 MHz
- Operating temperatures from -320 to +1,200 °F (-196 to +650 °C)
- Sensitivities from 0.05 mV/psi to 5,000 mV/psi
- Special models for high temperature, cryogenics, media compatibility, isolation



ADDITIONAL PRODUCTS AND SERVICES

CALIBRATION & REPAIR SERVICES



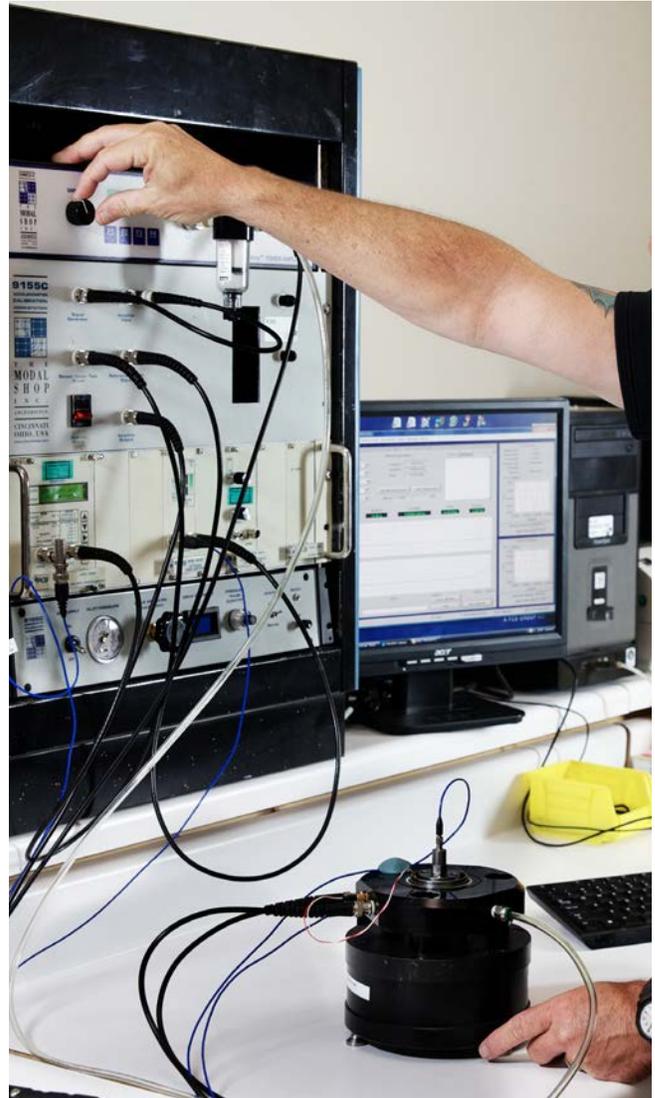
RENTAL PROGRAMS



CABLES & ACCESSORIES



SIGNAL CONDITIONERS & ELECTRONICS



3425 Walden Avenue, Depew, NY 14043 USA

pcb.com | info@pcb.com | 800 828 8840 | +1 716 684 0001



10869 NC Highway 903, Halifax, NC 27839 USA

endevco.com | sales@endevco.com | 866 363 3826

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