



# TESTING LABORATORIES

## SENSORS AND INSTRUMENTATION

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 **PCB PIEZOTRONICS**  
AN MTS COMPANY

 **ndevo**  
AN MTS 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  $\mu\text{g}$  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



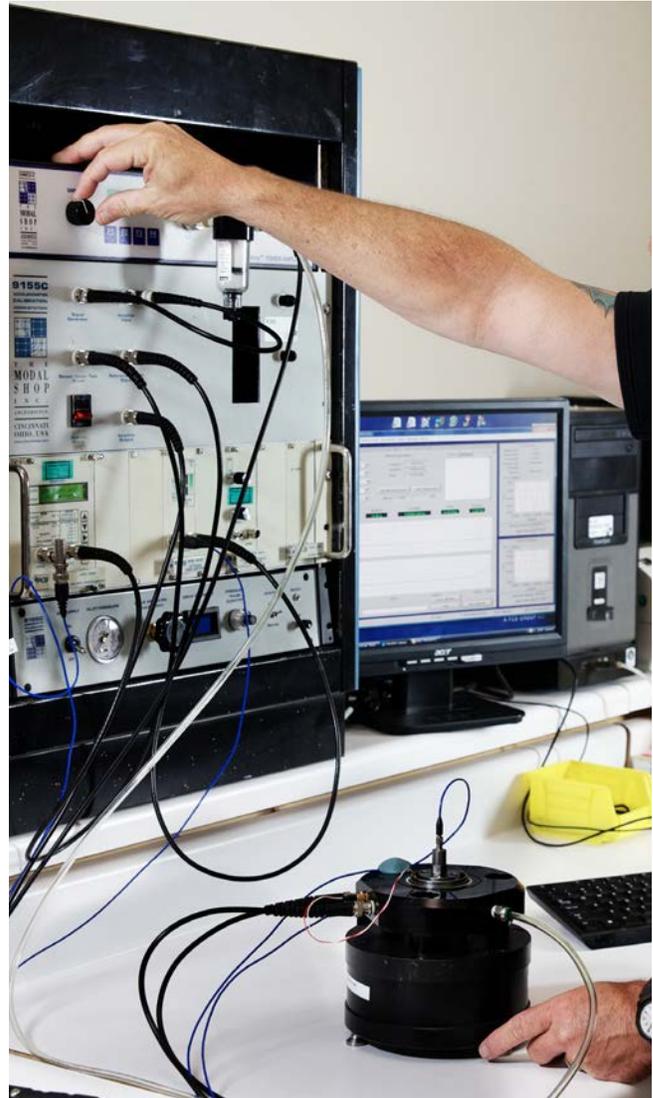
## RENTAL PROGRAMS



## CABLES & ACCESSORIES



## SIGNAL CONDITIONERS & ELECTRONICS



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AN MTS COMPANY

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**MTS**  
SENSORS

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