

PCB Piezotronics Ltd team supports engineering teams with application-led sensor selection, reliable instrumentation and local technical service for demanding test, measurement and machine monitoring environments.

OUR APPROACH

- **Local support** from needs analysis to sensor selection and measurement chain definition.
- **Controlled manufacturing** with development, manufacturing and assembly managed within our factories.
- **Reliable measurement** data even in extreme and high-channel-count environments..

MEASUREMENT DOMAINS

- Acceleration
- Vibration
- Shock
- Acoustics
- Static pressure
- Dynamic pressure
- Angular rate
- Force

- From low-frequency motion and structural dynamics to high-frequency shock, dynamic pressure and acoustic measurements.
- Solutions for **extreme environments**: cryogenic, high temperature, high voltage, ATEX, ...

SERVICES

- Rental**
for temporary campaigns
- Loan**
for evaluation or project support
- Calibration**
vibration, pressure, shock & acoustics
- Repair**
maintenance and after-sales support

MARKETS COVERED

- Aerospace & Defence**
Environmental test, Flight test, Engine and propulsion system test, Explosives & shock wave measurements
- Automotive & Rail**
NVH, powertrain, crash, tests, modal analysis, RLDA, aerodynamics, aeroacoustics
- Test & Measurement**
Environmental, structural testing, acoustic and flow characterisation
- Industry**
Predictive maintenance
Rotating machinery protection
- Energy**
Turbine and machinery monitoring
- Normative acoustics**
Environmental noise, workplace exposure and compliance,

PRODUCT OFFER

- **Accelerometers** - piezoelectric, resistive and capacitive technologies for acceleration, vibration and shock.
- **Pressure sensors** - dynamic ICP® sensors and resistive sensors for static and transient pressure measurement.
- **Microphones & acoustics** - measurement microphones, arrays, sound level meters, dosimeters and acoustic accessories.
- **Force & modal testing** - force sensors, impact hammers, modal shakers and vibration exciters.
- **Signal chain** - cables, signal conditioning, transmitters and accessories.
- **Calibration systems**: Portable calibration systems or dedicated solutions for metrology laboratories
- **Special environments** - miniature, high-temperature, cryogenic, electrically isolated and rugged industrial options.

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