



## CAL SERVICES

# WHAT DO YOU DO FOR CALIBRATION?

### SENSORS

- Vibration
- Shock
- Pressure
- Acoustic
- Force
- Strain
- Torque

### SYSTEMS

- Calibrators
- Signal Conditioners
- Sound Level Meters

### SERVICE CENTERS

- PCB Piezotronics – Depew, NY
- The Modal Shop – Cincinnati, OH
- PCB Load & Torque – Farmington Hills, MI
- Larson Davis – Provo, UT

## ISO 17025 ACCREDITED SERVICES

Calibration is a crucial practice to ensure your sensors are performing at their original specifications, giving you confidence in the accuracy of your measurements. With both services and systems available, PCB Piezotronics is here as your partner in transducer calibration. While you focus on your product development, let us focus on your instrumentation.

Ultimately, calibration offers protection against unexpected data and test failures. Unexpected test results will be scrutinized and instrumentation accuracy questioned. Documentation of accredited calibration immediately answers these questions and allows your organization to focus on the test article's behavior. In terms of impact from a failed test, you must ask the following: Is the test easily repeatable? Is it expensive or impossible to recreate? Is the test a one-time opportunity? Will the data be used for legal purposes? Aside from being a best practice, regular calibration allows you to collect accurate data the first time, no matter what the ramifications of the test.

Our four ISO 17025 Accredited US Service Centers provide a wide range of calibration services for vibration, shock, pressure, and force sensors — as well as sound level meters, calibrators, and signal conditioners — both for PCB sensors and similar manufacturers. With locations across the US, sending your sensors in for recalibration is a short shipment away.

Interested in calibrating a large pool of sensors in-house? An onsite calibration system can offer you control of your assets and confidence in your measurements. PCB Piezotronics' sister company, The Modal Shop, designs and manufactures precision calibration systems for vibration, shock, pressure, and force sensors. Learn more at [www.modalshop.com/calibration](http://www.modalshop.com/calibration).

## ACCREDITED SERVICE CENTERS

Calibration capabilities offered by our Accredited Service Centers are listed below with contact information. Please select a facility based on calibration capabilities or geographic location for ease of shipping.

An original factory calibration service code can be found on the specification sheet of your PCB equipment, either in the Supplied Accessories or Optional Accessories sections.

If you have special calibration requirements, please contact one of our Applications Engineers at 716.684.0001 for assistance.



### PCB Piezotronics

Depew, NY | 716.684.0001 | info@pcb.com

*Shock, vibration, pressure, and force sensors; impact hammers, precision microphones, dynamic strain, related sensor signal conditioning electronics, and more*

PCB Quality Systems are certified to the requirements of AS9100 Revision C, ISO 9001:2015, ISO 17025 and ANSI-Z-540-1 (A2LA Accredited), and EN13980 & Directive 94/9/EC. During recalibration, PCB cleans, re-etches (as needed), and replaces missing accessories. Special calibrations, such as laser primary, and calibration services for similar sensors from other manufacturers are also available.

### The Modal Shop

Cincinnati, OH | 513.351.9919 | info@modalshop.com

*Accelerometers, precision microphones, and preamplifiers; impact hammers, dynamic force sensors, handheld and portable vibration, and acoustic calibrators; signal conditioner electronics, and more*

ISO 17025 (A2LA Accredited) services include vibration calibrations as low as 0.5 Hz, up to 20 kHz, and amplitudes to 10 000 g; and primary vibration reference accelerometer/conditioner systems via laser.

### Larson Davis

Provo, UT | 716.926.8243 | sales@larsondavis.com

*Larson Davis sound level meters, calibrators, other Larson Davis products, microphones, and accelerometers*

Larson Davis is an ISO 9001:2015 registered company with ISO 17025 (A2LA Accredited) CAL+ service for Larson Davis products including a complete multi-point factory test, free firmware upgrade to latest version when applicable, annual labor warranty extension, and replacement of worn consumables (e.g., windscreen, O-rings, desiccants, fuses). A2LA accredited microphone calibration from 125 Hz to 8 kHz and vibration calibration from 5 Hz to 20 kHz. Factory repair and rush service available.

### PCB Load & Torque

Farmington Hills, MI | 716.684.0001 | ltsales@pcb.com

*Torque, force, and related instrumentation*

PCB Load & Torque is an ISO 9001:2008 registered company with ISO 17025 A2LA Accredited calibration services for rotary torque, reaction torque, and force measurements.



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Toll-Free in the USA: 1 800 828 8840

24-hour SensorLine<sup>SM</sup>: 1 716 684 0001

Fax: 1 716 684 0987 | Email: info@pcb.com

PCB<sup>®</sup> is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP<sup>®</sup> technology used by design engineers and predictive maintenance professionals worldwide for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. With a worldwide customer support team, 24-hour SensorLine<sup>SM</sup>, and a global distribution network PCB<sup>®</sup> IS COMMITTED TO TOTAL CUSTOMER SATISFACTION.

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MTS Sensors, a division of MTS Systems Corporation (NASDAQ: MTSC), vastly expanded its range of products and solutions after MTS acquired PCB Piezotronics, Inc. in July, 2016. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corp.; IMI Sensors and Larson Davis are divisions of PCB Piezotronics, Inc.; Accumetrics, Inc. and The Modal Shop, Inc. are subsidiaries of PCB Piezotronics, Inc.