

Portable Calibration from 7Hz - 10kHz the 9100D from PCB®

The 9100D is an ideal tool for checking accelerometers, velocity transducers and proximity probes over a wide frequency and amplitude range in the field. With a simple user interface, the unit provides a compact vibration reference source that can validate an entire channel of transducers through measurement, monitoring or recording systems. Packaged in a lightweight, heavy-duty Pelican Storm Case, the 9100D is ready for travel without the need for an additional transportation case.

The 9100D incorporates a built-in sine wave generator, power amplifier, electro-dynamic shaker, NIST traceable reference accelerometer and digital display. The integral quartz reference accelerometer provides measurement stability, while the shaker table is built with robust carbon fibre composite armature flexure supports that can take a payload of upto 800gms. The 9100D has a battery life of up to 18hrs and gives closed loop level control for vibration calibration from 7Hz to 10kHz depending on test mass.

[For more information click here](#)

***** SPECIAL OFFER - TRADE IN YOUR 9100C *****
FOR A 20% DISCOUNT ON A 9100D
[CLICK HERE FOR A QUOTE](#)

Handheld Shaker Available from Stock - 394C06

The 394C06 is a small, self-contained handheld shaker designed for the rapid checking of accelerometers, vibration monitoring systems, and recording systems. It provides a known, controlled, 1g RMS or 1g peak vibration level at 159.2Hz for verification of accelerometers weighing up to 210 grams.

The 394C06 is shipped complete with a selection of mounting studs and adaptors, and an integral battery pack giving up to 40 hours use depending on load. The 394C06 features an automatic shut-off. The internal suspension is protected from overload by mechanical stops.

[To view spec sheet click here](#)

Accurate Back-To-Back Comparison with the 9155 Accelerometer Laboratory Calibration Workstation

Model 9155 accelerometer calibration workstation allows calibration of ICP® (IEPE), charge mode piezoelectric and MEMS accelerometers in accordance with ISO 16063-21 with a calibration time of typically 30 seconds per channel. Providing accurate NIST and/or PTB traceable calibrations, the model 9155 offers complete automation of calibration tasks and features the familiar Windows™ PC intuitive user interface.

Users can set up tasks, acquire data, save results and print reports automatically with ease and precision, define multiple pass/fail criteria for each test and automatically recall them from the internal sensor database.

Model 9155 calibration workstations are turnkey systems and include all the necessary components to enable the printing of customizable ISO compliant calibration certificates. We provide on-site and web conference training and after sales support to support and maintain the system.

In conjunction with the 394A30 (15kHz) and 394A31 (20kHz) purpose designed air bearing shakers the 9155 is one of the only calibration systems in the world that complies with the transverse resonance recommendations of ISO 16063-21, therefore the 9155 allows for drastically improved uncertainty values.

Model 9155 calibration workstations are modular and can be expanded to include options for low frequency calibration, shock calibration, additional signal conditioning and laser primary calibration.

[For more information click here](#)



Rapid Response, Low Cost Calibration Services

For companies with smaller numbers of sensors, PCB Piezotronics Ltd can offer a fast turnaround of ISO or UKAS accredited calibrations through their calibration partners.

We can provide a quotation by return email for the calibration of accelerometers, modal hammers, signal conditioners and portable calibrators. We typically provide a turnaround of less than a week.

For calibration of dynamic pressure and force sensors, we can arrange re-calibration at the PCB factory.

***** [CLICK HERE TO INQUIRE ABOUT](#) ***
[OUR CALIBRATION SERVICES](#)**

News

PCB Piezotronics will be presenting a module on instrumentation at the upcoming LMS **Signal Processing for Noise & Vibration Engineering** course on the 20 - 21st March.

[For more information click here](#)

© 2012 PCB Piezotronics | [Unsubscribe](#) | [Forward to a friend](#)
7 Paynes Park, Hitchin, Herts SG5 1EH,
Tel: 01462 429710, Fax: 01462429710,
[UK Info Email](#) | [PCB UK Website](#)