

The Lab

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Acoustics Today welcomes items for “The Lab.” Submissions of about 250 words that may be edited in MSWord or plain text files should be e-mailed to AcousticsToday@aip.org. Graphics must be at least 300 dpi, preferably in TIF format. Please send the text and graphics in separate files.



Vibration data acquisition may be easy with the new IOtech 600 Series of dynamic signal analyzers (dsa) and eZ-Series software. These instruments come in either USB or Ethernet versions for maximum flexibility. The hardware provides signal conditioning and data acquisition while the eZ Series PC-based software provides monitoring and analysis functions. The units are targeted for Noise, Vibration, and Harshness and Rotating Machinery applications. The two models have 4 or 5 analog inputs. Four end user software packages are available—throughput data recording and multiple channel vibration analysis; on-line vibration measurement, limit checking, transient data storage, and rotating-machinery analysis; balanced of rotating machinery with up to seven planes; and production applications to determine the quality of production products. (www.instruments.com)



Larson Davis, a division of PCB Piezotronics, Inc., has introduced the addition of Model 2221 power supply to its growing line of acoustic accessories. Model 2221 is a single-channel power supply, designed for use with traditional, externally polarized condenser microphones. The 2221 has the ability to supply 0 Volt or a 200V polarization voltage. User selectable features include a flat (Z), A, or C-weighting filters and a 0, 20 or 40 dB gain switch. One of its features is the enhanced battery life, which can last up to 40 hours on a set of AA batteries. This battery life can be approximately doubled when using e-Lithium batteries. The unit can also be run with on-line power via supplied adaptor. The product is a perfect compliment to data recorders, data loggers and frequency analyzers.

(www.larsondavis.com)



Scantek, Inc., is pleased to announce the availability of the Model VC12D from MMF. The precision instrument was developed for the calibration of non-contact displacement sensors. Its fastening device for displacement sensors is detachable for the calibration of accelerometers and velocity transducers. The load independent vibration level of 10 m/s² is selectable between 10 μ m RMS and 1g. Thus the unit can be used for calibration in both metric units and gravity. The factory calibration of the MMF Calibrators is based on a primary reference standard of German National Metrology Authority (PTB). The instrument is supplied with a factory calibration certificate. (www.scantekinc.com)

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