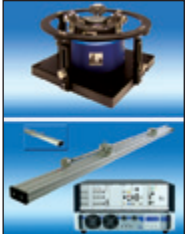


# PRODUCT UPDATE

These product bulletins, brochures and catalogs are free.  
To order copies, goto [www.SandVinfo.com](http://www.SandVinfo.com),  
select the January issue and enter RS numbers of interest.

## Accelerometer Calibration Systems



Complete primary and secondary accelerometer calibration systems for measuring shock from 20 g to 200,000 g and acceleration from 0.4 to 50,000 Hz. Free technical data sheets on more than 12 types of calibration systems at [www.spektra-usa.com](http://www.spektra-usa.com). Tel: 949.234.9791

RS #221  
SPEKTRA

## Three-Axis Shaker



Dongling Technologies delivers three-axis shaker systems with a force rating of up to 17,600 force pounds in each axis. Dongling design and innovation have made these three-DOF systems capable of up to 2000 Hz. Tel: 616.583.8246. [www.donglingusa.com](http://www.donglingusa.com)

RS #225  
Dongling Technologies USA

## Low-Noise, Prepolarized Microphone



This industry exclusive, half-inch, low noise microphone measures to 6.5 dB in a cost-effective, 0V design. Applications for this high-sensitivity, Model 378A04 mic include: computer drive testing, electronic vehicle sound quality, white-goods sound power and general low-noise testing.

[www.pcb.com/low-noise-mic](http://www.pcb.com/low-noise-mic)

RS #229  
PCB Piezotronics, Inc.

## Surface Isolates Heavy Impacts



Ecore Athletic SmashTile is a 2-foot by 2-foot by 2.5-inch molded tile that is ideal for strength and fitness environments. This surface eliminates the shock and sound resulting from large weights being dropped to its surface by absorbing it.

[www.ecoreathletic.com](http://www.ecoreathletic.com)

RS #230  
Ecore Athletic

## Air-Cooled, 3-In.-Stroke Shaker Systems

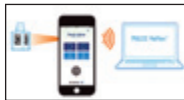


K-Series vibration Test systems are rated up to 17,000 lbf sine, 16,000 lbf random, and 34,000 lbf shock. They are the only systems in this range that are 100% air cooled. All systems available for vertical and horizontal testing and can be outfitted with a guided or unguided head expander.

[www.udco.com](http://www.udco.com)

RS #222  
Unholtz-Dickie

## PULSE Reflex Measurements



Transducer Smart Setup is a mobile application that works in combination with data matrix codes (similar to QR codes™) on transducers to simplify and automate multi-channel test setups. The data matrix code also provides instant access to specifications and calibration information. Tel: 800.332.2040

[www.bksv.com](http://www.bksv.com)

RS #226  
Brüel & Kjær

## Spectral Dynamics Shakers



Spectral Dynamics, a trusted name in vibration testing for more than 50 years, now offers a complete line of electrodynamic shakers and shock testing machines. For modal, MISO or MIMO, we have shakers from 12 pounds to 12 tons of force – or more

[www.spectraldynamics.com](http://www.spectraldynamics.com)

RS #231  
Spectral Dynamics, Inc.

## High-Temperature IEPE Accelerometers



DJB's A/33 series of water cooled charge and IEPE accelerometers are ideal for direct surface mounting in extreme applications such as turbo charger and exhaust mounting testing allowing for temperatures up to 1652°F.

If you have a challenging application that would benefit, please get in touch.

[www.djbinstruments.com](http://www.djbinstruments.com)

RS #223  
DJB Instruments UK Ltd

## Wire Rope Isolators



We now offer a full line of SOCITEC wire rope isolators from 1/16- to 2-in diameter for protection of equipment against shock and vibration during transport – in Navy vessels, armored and flying vehicles etc. Advanced simulation capabilities (ANSYS, SYMOS) are used for the best engineered solution with each application.

[www.vibrodynamics.com](http://www.vibrodynamics.com)

RS #227  
Vibro/Dynamics

## SQobold – Unmatched Portability



SQobold offers the utmost in portability for sound and vibration recordings and analyses; no need to lug along a tablet. Four channels of data input includes onboard GPS and video inputs for further documentation. Functions include sound level measurement and various analyses such as FFT, octave, specific loudness and sharpness versus time.

[www.headacoustics.com](http://www.headacoustics.com)

RS #232  
HEAD acoustics

## Remote Noise Monitoring



Whether you're monitoring construction, city, or airport noise, it's now easier with NoiseTutor, which allows data publishing and real-time alerts, anytime, anywhere. Equipped with Model 831 sound level meter and available in a portable option.

[www.larsondavis.com/Products/NoiseMonitoring-Systems](http://www.larsondavis.com/Products/NoiseMonitoring-Systems)

RS #224  
Larson Davis

## Octave Sound Level Meters



BSWA's new-generation octave sound level meters update dual-core (DSP+ARM) architecture to single-chip ARM with FPU, and all fixed-point calculations to floating point, which significantly improves accuracy and stability. Re-designed analog front-end circuit lowers noise floor and increases linear range.

Contact:  
liuwei@bswa.com.cn  
[www.bswa-tech.com](http://www.bswa-tech.com)

RS #228  
BSWA

## Waterproof Triaxial Accelerometers

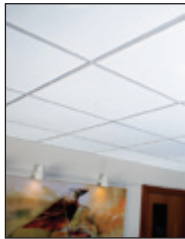


Kistler triaxial ceramic shear 8763B and triaxial PiezoStar® 8766A accelerometer families are now available with additional waterproof integral cables. With a mass of only 4 grams and a variety of ranges from 50 to 2000 g, these units offer watertight solutions that are IP68 certified up to 14 bar.

[www.kistler.com](http://www.kistler.com)

RS #233  
Kistler Instrument Corp.

### Micro-Perforated Ceiling / Wall Panels



Silk Metal ceiling tiles are state-of-the-art micro-perforation technology sound absorbers with an elegant, smooth appearance, perfect for conference rooms, restaurants, theaters, clean rooms; any application requiring sound absorption. Easy installation and maintenance. NRC rating of 0.80. Tel: 800.854.2948

RS #234  
Acoustical Surfaces, Inc  
[www.acousticalsurfaces.com](http://www.acousticalsurfaces.com)

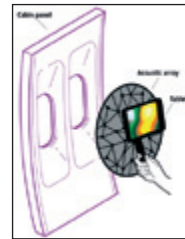
### Modal Analysis with ME'scopeVES



ME'scopeVES contains all of the tools to visualize, analyze and document noise and vibration problems in structures and machinery. A variety of ODS, modal, and operating modal techniques are available, as well as advanced SDM and FEA model updating tools.

RS #239  
Vibrant Technology, Inc.  
[www.vibetech.com](http://www.vibetech.com)

### Aim, Shoot . . . and Measure Noise



Brüel & Kjær's new PULSE Reflex Acoustic Camera is a complete kit for real-time noise source identification and data recording, designed to be up and running in 20 seconds. Making it easy to identify and measure non-stationary noise events in areas such as aircraft cabins, cargo bays, and passenger vehicles. Tel: 800.332.2040

RS #244  
Brüel & Kjær  
[www.bksv.com](http://www.bksv.com)

### Acousti-Mat Sound Systems



Ideal for multi/single-family, commercial and renovation projects, Acousti-Mat Systems install quickly and provide noise reduction in any floor/ceiling assembly. Installed in an entire project and then topped with Maxxon Underlayment, Acousti-Mats add fire resistance and provide a flat surface compatible with any finished floor good.

RS #235  
Maxxon Corp.  
[www.Maxxon.com](http://www.Maxxon.com)

### In-Vehicle Logging with DSA 2.9



Signal.X Technologies has released a major update to its proven NVH analyzer that includes the ability to log CAN data (such as vehicle bus or GPS receiver) alongside high-speed data. For in-vehicle logging, the new logging module provides a touch-friendly HMI and easy navigation and recording.

RS #240  
Signal.X Technologies LLC  
[www.signalxtech.com](http://www.signalxtech.com)

### Complete Acoustical Ceiling Solutions



ROCKFON® now provides North America with acoustical ceiling panels, planks, baffles, clouds and Chicago Metallic® suspension systems. Stone wool panels have up to a NRC 0.90 and CAC 43. Metal panels can be solid for reflection, curved for diffusion or perforated for absorption.

RS #245  
Rockfon, LLC  
[www.rockfon.com](http://www.rockfon.com)

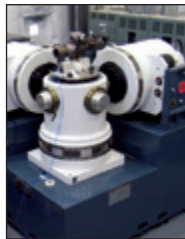
### Digital-Ready USB Accelerometer



Digiducer offers a fully integrated high-resolution, broad-frequency piezoelectric accelerometer with internal digital data acquisition. It makes plug-and-play vibration measurements as simple as recording standard audio on your smart phone, tablet or PC. Digiducer offers a flat response to 8 kHz with  $\pm 20$  g range. Vibration testing simplified.

RS #236  
Digiducer, Inc.  
[www.digiducer.com](http://www.digiducer.com)

### MIMO (3DOF) Vibration Test Facility



VFL offers 3-axis vibration testing on two 11,000 lbf systems (force rating per axis). One has a chamber for combined environmental testing. VFL's 44,000-lbf shaker system has dual-slip tables and also offers testing on 11,000-lbf, 4"-stroke electrodynamic system with environmental chamber. Also hot-gas burner testing at 4M-Btu/850 cfm.

RS #241  
Vibration Fatigue Lab  
[www.vflaboratory.com](http://www.vflaboratory.com)

### Calibrate Your Sensors



VR provides a turn-key system to perform calibration verification on all sensors in your own lab. System performs sine sweep, controlling on a reference accelerometer, then calculates the accelerometer sensitivity at a chosen frequency. A variety of report templates, but user can easily customize as needed.

RS #246  
Vibration Research  
[www.vibrationresearch.com](http://www.vibrationresearch.com)

### Water-, Dust-Resistant Mic System



PCB's water- and dust-resistant pre-polarized microphone, Model 130A24, is IP55 (ingress protection) rated for solids and liquid protection. The acoustically transparent water- and dust-resistant cover is ideal for harsh environments where moisture and contamination are a concern.

RS #237  
PCB Piezotronics, Inc.  
[www.pcb.com/water-resistant-mic](http://www.pcb.com/water-resistant-mic)

### New Analysis Firmware



TEAC now has new analysis firmware with intuitive setup; 24-bit resolution; Multi-media memory; DC, IEPE, video, CAN and strain inputs; analog and digital output; LAN-Ethernet interface, and multi-unit record sync. Each functions totally independently or as a front end for direct PC HDD recording. Tel: 440.935.7729

RS #242  
TEAC America  
[www.teac.com](http://www.teac.com)

### Dual-Shaker Guidance System



The HVGS System provides a unique and compact solution for simultaneous testing in the vertical and horizontal test axes using two customer-provided shakers. The system allows one or both shakers, to operate in the vertical and/or horizontal axes. Various sizes are available.

Contact:  
RS #247  
[fixtures@baughneng.com](mailto:fixtures@baughneng.com)  
Baughn Engineering, Inc.

### LAN-XI Module Type 3057



This module is specifically aimed at high-frequency applications with bridge type transducers. Bridge module Type 3057-B-030 is a three-channel 102.4 kHz LAN-XI module intended primarily for dynamic bridge measurements using PULSE Reflex™, piezoresistive and variable-capacitance accelerometers and pressure sensors.

RS #238  
Brüel & Kjær  
[store.bksv.com](http://store.bksv.com)

### APEX SL Vibration Controller



APEX SL vibration controller features a slim-line chassis housing up to 16 input channels, USB 2 connectivity, 24-bit A/D input/output resolution with IEPE current source, and 120 dB input dynamic range (typical). Software is available for sine, random and shock testing, along with advanced modes Sine on Random.

RS #243  
Unholtz-Dickie  
[www.udco.com](http://www.udco.com)

### QT Sound Insulation Ensures Quiet



QT Sound Insulation is a patented line of high-quality sound control underlayments manufactured by Ecore. QT is made from 92% recycled rubber. QT is ideal for multi-family housing, high rises, single-family homes and office buildings.

RS #248  
QT Sound Control  
[www.ecoreathletic.com](http://www.ecoreathletic.com)