These product bulletins, brochures and catalogs are free. To order copies, goto www.SandVinfo.com, select the January issue and enter RS numbers of interest.

**PRODUCT UPDATE**

**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 can be obtained via more than 12 types of calibration systems at www.spektra-usa.com. Tel: 949.234.9791

RS #221 SPEKTRA

**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.

RS #224 Larson Davis

**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 or horizontal testing and can be outfitted with a guided or unguided head expander.

RS #222 Unholtz-Dickie

**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.

RS #230 Ecore Athletic

**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

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 shocking machines. For modal, MISO or MIMO, we have shakers from 12 to 12 tons of force – or more.

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.

RS #223 DJB Instruments UK Ltd

**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.

RS #224 Larson Davis

**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

RS #225 Dongling Technologies USA

**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.bswe-tech.com

RS #228 BSWA

**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.bswa-tech.com/low-noise-mic

RS #229
PCB Piezotronics, Inc.

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

www.spectraldynamics.com

RS #231 Spectral Dynamics, Inc.

**Wire Rope Isolators**
We now offer a full line of SOCIETEC 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, SY-MOS) are used for the best engineered solution with each application.

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

RS #232 HEAD acoustics

**Waterproof Triaxial Accelerometers**
Kistler triaxial ceramic shear 5873B 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

RS #233 Kistler Instrument Corp.
Acoustical Surfaces, Inc.

RS #234
Velocity sensor systems provide accurate data for vibration testing, noise testing, and acceleration tests. They are reliable and deliver accurate results.

www.acousticalsurfaces.com

Maxxon Corp.

RS #235
Vibramat 500ATR, a high-performance, high-capacity, variable-capacitance accelerometer with advanced mode detection. It is ideal for environments demanding precision and accuracy.

www.maxxon.com

Digiducer, Inc.

RS #236
Digiducer offers products capable of broad bandwidth, low noise and high sensitivity. They are ideal for applications requiring high accuracy and sensitivity.

www.digiducer.com

PCB Piezotronics, Inc.

RS #237
PCB piezoelectric accelerometers are designed for applications requiring high performance, low noise, and high sensitivity.

www.pcbsensor.com/water-resistant

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, and many other applications requiring sound absorption. Easy installation and maintenance. NRC rating of 0.80. Tel: 800-854-2948

www.store.bksv.com

Vibration Technology, Inc.

RS #239
Vibrant's Acousti-Mats are a concern.

www.vibranttech.com

Rockfon, LLC

RS #240
Acousti-Mats add fire resistance and provide a flat surface compatible with any finished floor product.

www.rockfon.com

Digitread USB Accelerometer

RS #241
Digiducer offers a fully integrated high-resolution, multi-axis piezoelectric accelerometer with internal digital data acquisition. It makes plug-and-play vibration measurements as simple as recording standard audio on your smartphone or PC.

www.digiducer.com

Vibration Fatigue Lab

RS #242
Vibration Fatigue Lab provides a turn-key system to perform calibration verification of all sensors in your own lab. System provides 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.

www.vibrationresearch.com

Vibration Research

RS #243
DigiBurst, Inc.

www.digiburst.com

TEAC America

RS #244
TEAC's new analysis firmware with intuitive setup, 24-bit resolution, multi-media memory, DC, IEPE, video, CAN and strain inputs, analog and digital output, and advanced modal techniques are available.

www.teac.com

Baughn Engineering, Inc.

RS #245
For in-vehicle logging, the new logging module provides a touch-friendly HMI and easy navigation and recording.

www.signabtech.com

Vibration Research

RS #246
Vibration Research provides tools for vibration measurement and analysis.

www.vibrationresearch.com

Baughn Engineering, Inc.

RS #247
Baughn Engineering, Inc. offers advanced SDM and FEA operating modal techniques for structures and machinery. A variety of ODS, modal, and operating modal techniques are available, as well as advanced SDM and FEA model updating tools.

www.vibrationsess.com

Eco-Athletic

RS #248
Eco-Athletic provides Sound Insulation for multi-family housing, high rises, single-family homes and office buildings.

www.ecoreathletic.com

Modal Analysis with ME'scopeVES

RS #234
ME’scopeVES contains all 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.

www.vibrtech.com

Brüel & Kjær

RS #244
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

www.bksv.com

Complete Acoustical Ceiling Solutions

RS #245
Wardfon Materials 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 4.3. Metal panels can be solid for reflection, curved for diffusion or perforated for absorption.

www.rockfon.com

Wardfon Materials

RS #246
Pulse tests the installation of a room with new acoustic panels, providing an opportunity for sound absorption with an elegant, curved ceiling.

www.interieurbksv.com

Complete Acoustical Ceiling Solutions

RS #245
Vibration Research's Dual-Shaker Guidance System offers advanced modal techniques for structures and machinery. A variety of ODS, modal, and operating modal techniques are available, as well as advanced SDM and FEA model updating tools.

www.vibrationresearch.com

Calibrate Your Sensors

RS #246
Calibrate Your Sensors provides tools for vibration measurement and analysis.

www.vibrationresearch.com

Water-, Dust-Resistant Mic System

RS #237
Water-resistant prepolarized microphone, Model 130A24, is IP55 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.

www.pcb.com/water-resistant-mic

QT Sound Control

RS #248
QT Sound Control provides 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

www.bksv.com

Acousti-Mat Sound Systems

RS #235
Acousti-Mats are a concern.

www.acousticalsurfaces.com

In-Vehicle Logging with DSA 2.9

RS #240
SignalX 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.

www.signalxtech.com

Vibration Research

RS #246
Vibration Research provides tools for vibration measurement and analysis.

www.vibrationresearch.com

New Analysis Firmware

RS #242
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, and advanced modal techniques are available.

www.teac.com

Dual-Shaker Guidance System

RS #246
The HVGS System provides a unique and compact solution for simultaneous testing in the vertical and horizontal test axes using two customer-provided shockers. It offers a choice of one or both shakers to operate in the vertical and/or horizontal axes. Various sizes are available.

www.vibrationresearch.com

Water-, Dust-Resistant Mic System

RS #237
Water-, Dust-Resistant Mic System 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 4.3. Metal panels can be solid for reflection, curved for diffusion or perforated for absorption.

www.rockfon.com

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www.rockfon.com

LAN-XI Module Type 3057

RS #238
LAN-XI 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.

www.store.bksv.com

APEx SL Vibration Controller

RS #243
APEx SL vibration controller offers a unique 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.

www.ecoathletic.com

LAN-XI Module Type 3057

RS #238
LAN-XI 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.

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www.ecoathletic.com

QT Sound Insulation Ensures Quiet

RS #248
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