

PRODUCT UPDATE

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.

Calibration Shaker for Seismic Sensors



Calibration and test of geophones, seismic sensors and seismometers weighing up to 50 kg. Frequency range from DC to 400 Hz and accelerations to 6 g. Air-bearing guidance system with large load mounting table.
www.spektra-usa.com
Tel: 949.234.9791

RS #221
SPEKTRA

Introducing PULSE 18

PULSE REFLEX
The Product of Intuition

An efficient NVH development process is key to having a competitive advantage. PULSE 18 optimizes NVH development and product verification processes for efficiency, in a range of different test scenarios ranging from general NVH in small development teams, to interior NVH and exterior noise, to powertrain engineering.
www.bksv.com

RS #225
Brüel & Kjær

Complete Noise Monitoring System



SoundExpert LxT kit includes meter, EPS042 protection case, EPS2116 mic protection shroud, 10-ft cable, and D-cell batteries that make the system smaller and lighter. Easily transport, deploy, measure, retrieve, download, and issue reports while avoiding expense of recharging and shipping heavy batteries.
www.larsondavis.com

RS #229
Larson Davis

Kinetics WAVE Hanger



Much of the noise transmission in wood-frame multifamily buildings is low frequency, below 100 Hz. That is where this unique spring hanger excels. The WAVE Hanger is a revolutionary noise control ceiling hanger for "better-than-code" performance at a reasonable cost.
www.kineticsnoise.com

RS #230
Kinetics Noise Control, Inc.

BSWA Octave Sound Level Meters



New-generation octave sound level meters update dual-core (DSP+ARM) architecture to single-chip ARM with FPU and update all fixed-point calculations to floating point, significantly improving accuracy and stability. Re-designed analog front-end circuit lowers noise floor and linear range.
E-mail: liuwei@bswa.com.cn

www.bswa-tech.com

RS #222
BSWA Technology Co., Ltd.

Dynamic Signal Analyzer



2/4/8/16 inputs and one signal source. Sample all inputs up to 102.4 kHz. 130 dB dynamic range. Continuous recording at full speed. FFT sizes up to 28k lines. FRF, octave, order tracking. Less than 4 lbs, +8 hours of operation, 5.7" color LCD. Ethernet, USB, SD Card.
Tel: 408.986.8880.

www.crystalinstruments.com

RS #226
Crystal Instruments

Dynamic Data Recorders



TEAC LX-100 series features selectable 24/16-bit resolution and uses any capacity flash-memory cards. DC, IEPE and strain input, analog and digital output, LAN-Ethernet interface, and multi-unit record sync. LX also functions as a front end for direct PC HDD recording. Contact: 978.468.4135 or

info@tritekdatasystems.com

RS #231
Tritek / TEAC Data Recorders

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.

www.udco.com

RS #223
Unholtz-Dickie

Preamplifiers for Constrained Spaces



PCB Piezotronics introduces 1/4- and 1/2-inch diameter, short microphone preamplifiers. These are used for taking measurements in spaces where traditional microphones systems won't fit due to space constraints. These preamplifiers can be paired with free-field, random-incidence and pressure microphone cartridges.

www.pcb.com/acoustics

RS #227
PCB Piezotronics, Inc.

Complete Acoustical Ceiling Solutions

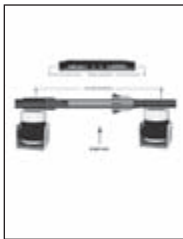


ROCKFON® now provides North America with acoustical ceiling panels, planks, baffles, clouds and Chicago Metallic® suspension systems. Stone wool panels have up to a NRC 0.90 and CAC 43. Metal panels can be solid for reflection, curved for diffusion or perforated for absorption.

www.rockfon.com

RS #232
Rockfon, LLC

Multiple-Axis Testing



Vibration Research provides solutions for multi-axis testing. Multi-axis testing for sine, random, shock, SRS, FDR with MIMO phase control. Includes four-post, three-axis, and single-axis dual-phase control.
Tel: 616.669.3028 or visit.

www.vibrationresearch.com

RS #224
Vibration Research Corp.

Acoustic Test Facilities



Eckel's high-performance, quality engineered anechoic and hemi-anechoic chambers, SuperSoft® chambers, reverberation rooms, and test enclosures provide the precision environment for conducting accurate acoustic measurements. Several styles of anechoic wedges are offered to meet all frequency requirements.

RS #228
Eckel Industries, Inc., Acoustic Division

PAK Capture Suite



Manage your PAK MKII front ends remotely from the comfort and control of your iOS or Android device. Be instantly in touch with your data. Configure your measurements effortlessly on-site, change settings quickly or monitor signal quality. Let PAK Capture Suite reshape the face of your recordings.

www.muellerbbm-vas.com

RS #233
Müller-BBM VibroAkustik Systeme

Fourth-Generation Vibration Controller



Scale up to 128 channels with the Spider-81 vibration controller. Fourth-generation vibration control technology integrates time-synchronized Ethernet connectivity with embedded DSP technology. Modules have voltage, charge, TEDS, and IEPE inputs, adaptable to a variety of measurements, including vibration.

Tel: 408.986.8880.

RS #234
Crystal Instruments www.crystalinstruments.com

Signalysis IQC Production Test Systems



Signalysis IQC Production Test Systems are designed to perform 100% product inspection or NVH-related defects. Signalysis test systems use traditional NVH laboratory test methods for modal, sound quality, gear/bearing noise to design specific objective metrics that will eliminate other objectionable noise complaints.

www.signalysis.com

RS #239
Signalysis

LAN-XI Acquisition Hardware



Imagine using the same equipment to make a multi-channel measurement using several large rack systems one day, and a simpler two-channel measurement using a single module the next. With LAN-XI this is reality. One system does it all

Tel: 800.332.2040
www.bksv.com

RS #244
Brüel & Kjær

Surface Microphone for Product Testing



The PCB Surface Microphone, Model 130B40, is a cost-effective option for measuring true surface pressure and noise. The surface microphone and pad design is ideal for confined areas and flush mounting. Optimized to reduce wind induced noise and suited for wind tunnel and environmental tests.

www.pcb.com/acoustics

RS #235
PCB Piezotronics, Inc.

Low-Cost Vibration Test Systems



100 lbf system \$7,410, complete with vibrator, base, blower, linear low-distortion amplifier, all cables and hoses. Low-cost digital controller converts PCs to powerful vibration controllers. As low as \$5,995 for sine. \$7,990 for new complete 4-channel control package.

www.vts2000.com

RS #240
Vibration Test Systems

Bobcat with STAR7 Modal



Bobcat and STAR7 form an excellent "go-anywhere," powerful modal analysis system. Take and store data from up to 3000 points. Measure and qualify FRFs in real time. Then use STAR7 to extract and display your important modes with the best modal displays ever.

Tel: 760.402.8539

www.spectraldynamics.com

RS #245
Spectral Dynamics

Modal Analysis with ME'scopeVES 5.0

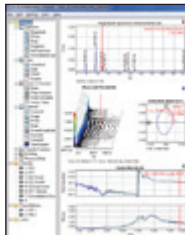


ME'scopeVES 5.0 contains all of the tools to visualize, analyze and vibration problems in structures and machinery. A variety of ODS, modal, and operating modal techniques are available, as well as advanced SDM and FEA model updating tools.

www.vibetech.com

RS #236
Vibrant Technology, Inc.

Vibration Analysis/On-Line Monitoring



AS-410 software merges real-time machinery diagnostics, dynamic signal analysis, gapless data recording, transient analysis, modal data capture, and on-line condition monitoring. Compact and rugged, for portable or permanent systems. Featuring intelligent alarming and trending.

Tel: 877.258.2765

www.altasol.com

RS #241
Alta Solutions, Inc.

Mobile Recording and Playback



The popular Squad-riga II portable sound and vibration data acquisition system now includes several features to improve troubleshooting and documentation: Live displays of 1/1 and 1/3 octaves, FFT, loudness, and sharpness. interactive listening and filtering of live signals. GPS data. New ICP calibratable binaural headset.

www.headacoustics.com

RS #246
HEAD acoustics

New Power Amplifiers



MB500VI and MB1000VI amplifiers have impressive data specs with remote new options. Remote amplifier option eliminates need to physically be at each amplifier to set up, operate and monitor. Shaker Cooling on/off with overtravel shutdown protects equipment from burning up and eliminates annoying blower noise.

www.mbdynamics.com

RS #237
MB Dynamics, Inc.

Properties of Acoustical Materials



Spectronics' ACUPRO system takes the guesswork out of using sound-absorbing materials. Make your own measurement of sound absorption or transmission loss; don't rely on suppliers' data any longer. Use your DAQ system or one we supply.

Tel: 859.321.1843

www.spectronics.net

RS #242
Spectronics, Inc.

PiezoBeam® Sensor Family



The uniaxial Type 8640A(x) and triaxial Type 8688A(x) PiezoBeam® IEPE families provide an inexpensive modal analysis solution with very wide mounting flexibility, designed for accurate measurement frequency events from 0.5 Hz ...

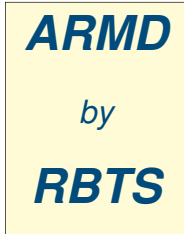
5,000 Hz.

Tel: 716.691.5100.

www.kistler.com

RS #247
Kistler Instrument Corp.

Rotor Dynamics and Bearing Software



Advanced Rotating Machinery Dynamics (ARMD) software has been proven effective by companies worldwide. The most advanced software for bearings, rotor dynamics and torsional vibration. ARMD features user-friendly help, graphics and much more.

Tel: 610.415.0412

FAX: 610.415.0413

www.rbts.com

RS #238
RBTS, Inc.

Sonoscout NVH Recorder



Sonoscout is a highly portable system that quickly records NVH data and validates results immediately using an iPad®. Sonoscout is an ideal first step in the acquisition of data, to check its relevance before sending it for analysis in PULSE Reflex™, an NVH simulator, or other post-processing purposes.

www.bksv.com

RS #243
Brüel & Kjær

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

RS #248
Unholtz-Dickie