

# PRODUCT UPDATE

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

## 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.

RS #221  
Crystal Instruments [www.crystalinstruments.com](http://www.crystalinstruments.com)  
Tel: 408.986.8880.

## Environmental Noise Meter



Norsonic Nor139 Class 1 sound level meter. This general-purpose meter can measure SPL,  $L_{eq}$ ,  $L_{min}$ ,  $L_{max}$ , LE and  $L_{peak}$  in simultaneous A, C and Z weighting. The unit can record WAV audio and provides optional 1/1 and 1/3 octave-band analysis.

RS #225  
Scantek, Inc.  
[www.scantekinc.com](http://www.scantekinc.com)

## 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.

RS #229  
Brüel & Kjær  
[www.bksv.com](http://www.bksv.com)

## Modal Analysis with ME'scopeVES 5.0



ME'scopeVES 5.0 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 #230  
Vibrant Technology, Inc.  
[www.vibetech.com](http://www.vibetech.com)

## 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.

RS #222  
Kinetics Noise Control, Inc.  
[www.kineticsnoise.com](http://www.kineticsnoise.com)

## 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.

RS #226  
Unholtz-Dickie  
[www.udco.com](http://www.udco.com)

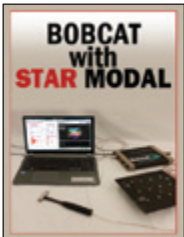
## PCB Microphone Independently Tested



Model 378B02 half-inch free-field microphone and its closest competitors were tested by an accredited test house to determine if the microphones met both IEC standards and vendor specifications. Tests included: sensitivity, temperature coefficient, dynamic range, humidity coefficient, frequency response, and low-frequency limit.

RS #231  
PCB Piezotronics, Inc.  
[www.pcb.com](http://www.pcb.com)

## 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.

RS #223  
Spectral Dynamics  
[www.spectraldynamics.com](http://www.spectraldynamics.com)  
Tel: 760.402.8539

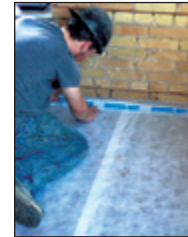
## Acoustic Test Facilities



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 #227  
Eckel Industries, Inc., Acoustic Division

## Sound Solutions from Maxxon



With 10 levels of sound control and hundreds of documented sound tests, Maxxon has the proven solution for every project. Acousti-Mat Superior Sound Control Systems install easily, and eight of the mats are considered "green" building materials, containing 40% pre-consumer recycled content.

RS #232  
Maxxon Corp.  
[www.maxxoncorporation.com](http://www.maxxoncorporation.com)

## Mobile Recording and Playback



The popular SQadriga 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.

RS #224  
HEAD acoustics  
[www.headacoustics.com](http://www.headacoustics.com)

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

RS #228  
Brüel & Kjær

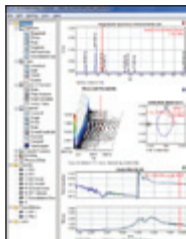
## Complete Acoustical Ceiling Solutions



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 #233  
Rockfon, LLC  
[www.rockfon.com](http://www.rockfon.com)

### Vibration Analyzer



The AS-410 merges a real-time machinery analyzer, dynamic signal analyzer, digital recorder, transient analyzer, modal capture, and monitoring system in a compact, rugged, and portable system with advanced vibration analysis, intelligent alarming, and trending.

Tel: 877.258.2765  
[www.altasol.com](http://www.altasol.com)

**RS #234**  
**Alta Solutions, Inc.**

### Low-Cost Vibration Test Systems



100 lbf system \$7,128, 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](http://www.vts2000.com)

**RS #237**  
**Vibration Test Systems**

### 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](mailto:info@tritekdatasystems.com)

**RS #240**  
**Tritek / TEAC Data Recorders**

### Ultra-high Thermal Triaxial Accelerometer



Kistler Type 8766A(x) triaxial PiezoStar<sup>®</sup> accelerometer is a small cube with 3.7 gram mass designed for accurate measurement from 0.5 to 10,000 Hz. Available from 50 to 1,000 g with ultra-low thermal sensitivity shift over 54 to 165° C and three threaded holes for direct stud mounting in each orthogonal direction.

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

**RS #235**  
**Kistler Instrument Corp.**

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

**RS #238**  
**Unholtz-Dickie**

### Multiple-Axis Testing



Vibration Research provides multi-axis testing solutions for applications including sine, random, shock, SRS and 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](http://www.vibrationresearch.com)

**RS #241**  
**Vibration Research Corp.**

### 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](http://www.spectronics.net)

**RS #236**  
**Spectronics, Inc.**

### Extended Low Frequency Response Sensors



Dytran has developed a new generation of vibration instruments that combines two technologies that have never been used simultaneously before. Sensors contain piezoelectric and variable-capacitance elements, resulting in a flat frequency response from 0 to 10,000 Hz.

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

**RS #239**  
**Dytran Instruments, Inc.**

### Introducing PULSE 18



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

**RS #242**  
**Brüel & Kjær**