

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.

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 #221
Brüel & Kjær

USB Vibration Measurement System



VibraScout is a USB-powered, triaxial DC accelerometer with microcontroller to create an intelligent sensor. System includes USB triaxial DC response accelerometer, 15', 4-pin to USB cable assembly, VibraScout data acquisition software, and Windows compatible post-processor software on CD.

www.dytran.com

RS #225
Dytran Instruments, Inc.

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 #229
Crystal Instruments

Acoustic Camera (available for rent)



Norsonic Nor848 acoustic camera is now available; rent at daily, weekly, and monthly rates. Only one cable is needed to connect the array to the computer. The Nor848 is the easiest and most portable acoustic camera today. Use this acoustic camera to illustrate where the sound is coming from.

www.scantekinc.com

RS #230
Scantek, Inc.

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 #222
Unholtz-Dickie

BSWA Array of Different Designs



BSWA has a complete line of professional array microphones. Products range from simple, linear arrays to complicated, random arrays. Customized designs are always available upon request. BSWA offers a complete solution - impedance tubes, microphones and DAQ hardware and software.

E-mail: liuwei@bswa.com.cn

www.bswa-tech.com

RS #226
BSWA Technology Co., Ltd.

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 #231
Eckel Industries, Inc., Acoustic Division

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 #223
Vibration Research Corp.

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. Tel: 949.234.9791

RS #227
SPEKTRA

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.

www.vibetech.com

RS #232
Vibrant Technology, Inc.

Low-Cost Vibration Test Systems

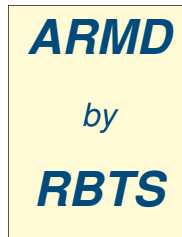


100 lbf system \$7,128, complete with vibrator, base, blower, linear low-distortion amplifier, all cables and hoses. Low-cost digital controller converts PCs to powerful vibration controllers. As low as \$4,995 for sine. \$7,990 for new complete 4-channel control package.

www.vts2000.com

RS #224
Vibration Test Systems

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 #228
RBTS, Inc.

High-Accuracy Dynamic Signal Analyzer



The DT9847 Series dynamic signal acquisition modules are ideal for precision measurements of sound and vibration. Featuring ultra-low total harmonic distortion (THD) of 102 dB and wide dynamic range up to 123 dB for audio, acoustic, and vibration testing, and supported with VIBpoint Framework software.

www.datatranslation.com

RS #233
Data Translation 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 #234
 Spectronics, Inc.

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.

RS #239
 MB Dynamics, Inc. www.mbdynamics.com

Noise Barriers, LLC Test Facilities



We specialize in the design, supply and installation of noise control products and systems; modular test cells for engines, vehicles, motorcycles and component systems, anechoic and hemi-anechoic chambers, sound control doors and windows, sound absorption and silenced ventilation systems.

RS #244
 Noise Barriers, LLC www.noisebarriers.com
 Tel: 847.843.0500

Introducing PULSE 18

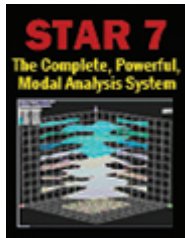


An efficient NVH development process is key to having a competitive advantage. PULSE 18 optimizes NVH development and product verification processes for efficiency, in a range of different test scenarios ranging from general NVH in small development teams, to interior NVH and exterior noise, to powertrain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

RS #235
 Brüel & Kjær

www.bksv.com

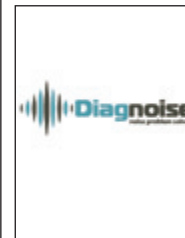
STAR 7 Modal Analysis System



STAR 7 is the culmination of over 25 years developing modal analysis products for the PC. Built and optimized for Windows®7/8, it's simple to use and highly effective. Designed for intensive or occasional use, STAR 7 is tailored to suit your needs; includes video tutorials and sample projects.

RS #240
 Spectral Dynamics www.spectraldynamics.com

Acoustical Analysis



The world's first and only acoustical analysis system where reliable, accurate and valid data can be obtained without the need for an acoustical consultant or engineer to be on site. Service includes not only the machine to record and store data, but a personalized and specific plan for you to follow based on your needs. www.remotesound-testing.com.

RS #245
 Diagnose

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.

RS #236
 HEAD acoustics

www.headacoustics.com

Portable Vibration Calibration



Self-contained vibration reference source which can be used to calibrate individual sensors, vibration switches and data collectors, as well as to validate the entire measurement channel of a condition monitoring or recording system. Save up to 500 calibration records to a USB flash drive and print calibration certificates.

RS #241
 The Modal SHOP

www.modalshop.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 #246
 Unholtz-Dickie

www.udco.com

Two- to 1024-Channel Front End

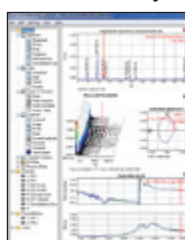


Full vibration, shock, acoustic, modal and general data acquisition capabilities on new VibRunner hardware. Stand-alone desktop instrument or 19" rack-mounted system. Ethernet, tach inputs, digital I/Os, differential source output channels. Based on established m+p software products.

RS #237
 m+p international, inc.

www.mpihome.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.

RS #242
 Alta Solutions, Inc.

Tel: 877.258.2765
www.altasol.com

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 #247
 Tritrek / TEAC Data Recorders

NOISEBLOCK™ Enclosure Systems



Noise control in commercial, industrial, or environmental systems is an important element of the design process. Whether it is to comply with municipal ordinances, conform to OSHA standards or achieve occupant comfort, we have the knowledge and experience to design a system to the required noise level.

RS #238
 Kinetics Noise Control, Inc.

www.kineticsnoise.com

LAN-XI Acquisition Hardware

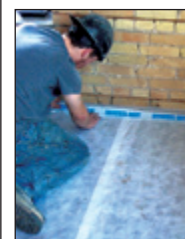


Imagine using the same equipment to make a multi-channel measurement using several large rack systems one day, and a simpler two-channel measurement using a single module the next. With LAN-XI this is reality. One system does it all

RS #243
 Brüel & Kjær

Tel: 800.332.2040
www.bksv.com

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 #248
 Maxxon Corp.

www.maxxoncorporation.com