

PRODUCT UPDATE

These product bulletins, brochures and catalogs are free.
To order copies, goto 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

Tel: 408.986.8880.
www.go-ci.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 #225
Vibrant Technology, Inc.

www.vibetech.com

Acoustical Products and Systems



Eckel offers high-performance acoustic test facilities for reliable sound measurement/assessment of products/systems; noise control panels for improving the acoustic environment in educational, recreational, commercial, institutional, and industrial facilities; modular noise-isolating enclosures; audiology rooms/suites.

RS #229
Eckel Industries, Inc., Acoustic Division

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 #230
Brüel & Kjær

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 #222
SPEKTRA

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 #226
MB Dynamics, Inc. www.mbdynamics.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 #231
Diagnoise

SEMCO Industrial Acoustical Products



SEMCO's modular panel system combines the best of acoustic, thermal and structural performance for: equipment enclosures, chiller barriers, modular buildings, barrier walls, etc. Tested to ASTM C-423 for sound absorption, ASTM E-90 for transmission loss; panels are also structurally rated in accordance with ASCE 7.05 and 7.10.

RS #223
SEMCO

www.semcohvac.com

Data Stream to Disk



APEX SL vibration controller data-stream-to-disk feature allows continuous streaming and storage of all acquired data. Time history data for sine, random, sine-on-random, and random-on-random tests is stored on high-capacity USB drive. UD StreamViewer app allows detailed analysis and export of all captured time data (up to 16 channels).

RS #227
Unholtz-Dickie

www.udco.com

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.

RS #232
Spectronics, Inc.

Tel: 859.321.1843
www.spectronics.net

Noise Control Products and Systems



IAC offers a comprehensive line of sound control products. IAC is unique in guaranteeing product performance; prior to shipment, each product line is pre-tested for performance in our in-house Aero-Acoustic Research Lab. IAC always guarantees in-field performance to the specification. www.iac-acoustics.com

RS #224
IAC Acoustics

RealDodec Test Speaker



RealDodec Model 1204A from RealAcoustix offers wide frequency, high SPL and best polar response in dodecahedron test speakers. Cost is about 30% less than others. Accessories include amp/processor switching and matching mic for flat response. Used for conducting room analysis, auralizations, lab and field NRC, and STC testing.

RS #228
Scantek, Inc.

www.scantekinc.com

Low-Cost Vibration Test Systems



100 lbf system \$6466, complete with vibrator, base, blower, linear low-distortion amplifier, all cables and hoses. Low-cost digital controller converts PCs to powerful vibration controllers. Low as \$3995 for sine. \$7990 for new complete 4-channel control package. www.vts2000.com

RS #233
Vibration Test Systems

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 #234
HEAD acoustics

www.headacoustics.com

Noise Control Solutions



Kinetics Noise Control, Inc. manufactures a full line of products to control airborne noise and structure-borne vibration in HVAC duct systems, industrial processes, and environmental noise applications. For 55 years, we have been engineering solutions that protect workers from the damaging effects of noise.

RS #239
Kinetics Noise Control, Inc.

www.kineticsnoise.com

Noise Control Panels



Eckel's high-performance acoustic wall and ceiling panel systems efficiently and economically reduce background noise and reverberation in interior spaces. They are durable, low maintenance, attractive and simple to install. Ideal for renovation programs and for new construction projects.

RS #244
Eckel Industries, Inc., Acoustic Division

VibrationVIEW, Version 11



Vibration View Version 11 ensures products with high-Q resonances track at the maximum amplitude via the sine phase tracking tool. This "dials in" on a resonance and maintains peak amplitude by way of watching phase vs transmissibility. Visit www.vibrationresearch.com for more information.

RS #235
Vibration Research Corp.

High-Temperature Accelerometer



Endevco® Model 2280 is a hermetically sealed, triaxial, piezoelectric charge output accelerometer with operation to +482°C. Ideally suited for use across three orthogonal axes on aircraft engines, aerospace components, turbine engines, power plant equipment, and other hi-temp machinery.

RS #240
Meggitt Sensing Systems

www.meggitt_sensing-systems.com

BSWA Microphone Arrays



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.

RS #245
BSWA Technology Co., Ltd.

E-mail: liuwei@bswa.com.cn
www.bswa-tech.com

Sonoscout NVH Recorder

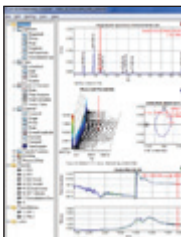


Sonoscout is a highly portable system that quickly records NVH data and validates results immediately using an iPad®. Sonoscout is an ideal first step in the acquisition of data, to check its relevance before sending it for analysis in PULSE Reflex™, an NVH simulator, or other post-processing purposes.

RS #236
Brüel & Kjær

www.bksv.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 #241
Alta Solutions, Inc.

Tel: 877.258.2765
www.altasol.com

Side-Vent Microphone



Model 377A14 features a side-vented design providing a greater degree of accuracy when the microphone is flush mounted in a wall or tube where there are significant pressure differentials between the inside and outside of the tube or wall. Visit www.pcb.com for more information.

RS #246
PCB Piezotronics, Inc.

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 #237
Eckel Industries, Inc., Acoustic Division

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

RS #242
Tritek / TEAC Data Recorders

info@tritekdatasystems.com

Wide Variety of Front Ends Supported



Full modal, shock and vibration data acquisition support for existing hardware from National Instruments, Agilent, VTI Instruments, United Electronic Industries. Full data acquisition capabilities from 2 to 512 channels on existing hardware or 1024 channels on m+p's new VibRunner hardware.

RS #247
m+p international, inc.

www.mpilhome.com

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.

RS #238
Dytran Instruments, Inc.

www.dytran.com

Sound Solutions from Maxxon



With nine 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 #243
Maxxon Corp.

www.maxxoncorporation.com

Introducing PULSE 17



The latest version of the PULSE analyzer platform brings dedicated hardware and software for angle domain analysis applications such as crank-angle analysis. PULSE 17 also features new products for telephone testing, sound quality metrics and structural dynamics.

RS #248
Brüel & Kjær

Tel: 800.332.2040
www.bksv.com