

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.

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 #221
Tritek / TEAC Data Recorders

Rion VA-12 Vibration Analyzer



Rion VA-12 allows vibration level monitoring of equipment per ISO 10816-1. To diagnose causes of vibration, it is necessary to conduct frequency analysis. VA-12 offers real-time frequency analysis up to 20 kHz with 3200 FFT (fast Fourier transform) spectral lines. Spectral characteristics reveal sources of vibrations.

RS #225
Scantek, Inc. www.scantekinc.com

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.go-ci.com

RS #229
Crystal Instruments

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 #230
SPEKTRA

World's First Multifield Microphone



Brüel & Kjær announces the launch of the world's first multifield measuring microphone. Type 4961 is a unique 1/4-inch measuring microphone with the same low noise floor as a 1/2-inch microphone, and optimized multifield response. Tel: 800.332.2040 www.bksv.com

RS #222
Brüel & Kjær

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 #226
MB Dynamics, Inc. www.mbdynamics.com

New DS Multiphase Amps



New 100% air-cooled multiphase power amplifiers are built in the USA and can be built to drive virtually any electro-dynamic shaker. This sleek, innovative design switches at a ridiculously fast effective rate of 240 kHz, or more than 50% faster than other amplifiers now on the market. www.dynsolusa.com

RS #231
Dynamic Solutions, LLC

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. www.semcohvac.com

RS #223
SEMCO

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.industrialacoustics.com

RS #227
Industrial Acoustics Company, Inc.

Portable Vibration and Strain Testing



VIBpoint Framework combined with Data Translation Series DT9837, DT9838, DT9847 and DT8837 hardware feature tools to acquire and record data to disk, read a recorded data file, analyze acquired data using single FFT and two-channel FFT functions, and produce a variety of output stimuli for modal analysis testing. www.datatranslation.com

RS #232
Data Translation, Inc.

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 #224
RBTS, Inc.

Noise Control Enclosures



Sound-attenuating Eckel® Acoustic® Modular Panels (EMPs) – pre-engineered, structurally strengthened 4 in. thick STC41 & STC45 acoustical panels – combine outstanding noise control properties with unusual versatility. EMPs are designed for quickly constructing rugged, free-standing enclosures or sound barriers.

RS #228
Eckel Industries, Inc., Acoustic Division

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 #233
Vibrant Technology, Inc.

VibrationVIEW



"VibrationVIEW version 11 is now available. Major upgrade with new features including advanced SRTD, enhanced multi-language software, radial units for rotational systems, and much more. Available for both VR8500 and VR9500 users. Visit www.vibrationresearch.com for more information.

RS #234
Vibration Research Corp.

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 and attractive and simple to install. Ideal for renovation programs and for new construction projects.

RS #239
Eckel Industries, Inc., Acoustic Division

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 #244
Vibration Test Systems

Introducing PULSE Reflex



Designed in close cooperation with end-users from diverse sectors of industry across the world, PULSE Reflex has ease of use and high-productivity concepts at its core. PULSE Reflex gives you: intuitive user interface, powerful data management and enhanced reporting opportunities.

Tel: 800.332.2040
www.bksv.com

RS #235
Brüel & Kjær

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 #240
Spectronics, Inc.

BSWA Impedance Tube System

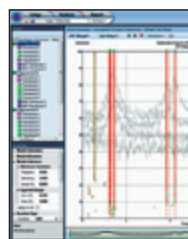


BSWA SW series Impedance Tubes measures sound absorption coefficients and impedance according to ISO/ASTM standards based on the transfer function method. Work with cut samples or directly in the field. Complete system includes tubes, microphones, DAQ hardware and software.

E-mail: info@bswa-tech.com
www.bswa-tech.com

RS #245
BSWA Technology Co., Ltd.

Download ARTeMIS Demo Software



ARTeMIS stands for Ambient Response Testing and Modal Identification Software. It covers all the tools an engineer needs to perform a high-quality modal analysis without knowing the forces acting on the structure and while the structure is in operation.

www.svibs.com/download/artemis_evaluation.aspx

RS #236
Structural Vibration Solutions A/S

PC-Based Vibration Controller



Vibration World DVC-8 Controller is packed with software including sine, random, classical shock, mixed-mode and FDR. Free and unlimited software upgrades for life! Easy to program Windows drop-down menus, 8 channels, integral current source and calibration software. Low cost. Three year warranty.

www.dynsolusa.com

RS #241
Dynamic Solutions, LLC

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 #246
Dytran Instruments, Inc.

Noise Control Specialists



Acoustical Surfaces, Inc. has been solving soundproofing, noise control, acoustical and vibration problems for more than 25 years. With over 400 soundproofing and noise control products and materials, ASI has a solution for almost any noise problem.

www.acousticalsurfaces.com Tel: 952.448.5300

RS #237
Acoustical Surfaces, Inc.

Sound Solutions from Maxxon



With eight 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 seven of the mats are considered 'green' building materials, containing 40% pre-consumer recycled content. Count on Maxxon for 'green' sound control.

www.maxxoncorporation.com

RS #242
Maxxon Corp.

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 #247
Brüel & Kjær

Vibration Control with Data Recording

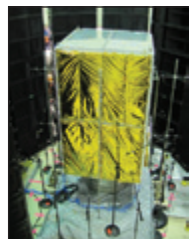


Advanced solution for online reduction of sine/random/shock data and real-time throughput data capture. Can be run in parallel with m+p's VibControl shaker control system for maximum test efficiency. Continuous time domain data storage during vibration control; start/stop independent from control process.

www.mpihome.com

RS #238
m+p international, inc.

High-Frequency MIMO Acoustic Control



The MIMO acoustic control system is capable of running both direct field acoustic tests and traditional reverberant room acoustic control. System offers the highest frequency, highest performance acoustic MIMO control available today. Control to 20 kHz is offered with up to 16 controlled drives to 10 kHz.

www.spectraldynamics.com

RS #243
Spectral Dynamics, Inc.

Hi Temp Accelerometer with LP Filter



Endevco® Model 65HTLPF is a miniature triaxial ISOTRON® accelerometer usable to +175° C with a 2-pole, low-pass filter for applications that require high-temperature capability and effective attenuation of high-frequency, high-g signals that can cause saturation of electronics.

www.meggittsensingsystems.com

RS #248
Meggitt Sensing Systems