

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.

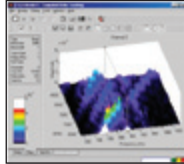
Noise Control Panels



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 #221
Eckel Industries, Inc., Acoustic Division

Open-Source Modal is Reality



SDRL's X-Modal III modal analysis software and VTI's SentinelEX™ smart dynamic signal analyzers come together in open source modal testing. "One-click" task-oriented interfaces, autonomous modal parameter estimation, and simplified "cut/paste" data management.

RS #225
VTI Instruments Corp.

www.vtiinstruments.com/SentinelEX.aspx

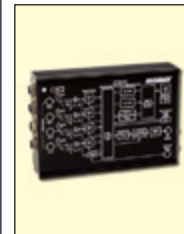
MIMO Control from Spectral Dynamics



For Multi-Shaker testing, come to the people who invented modern Multi-shaker/Multi-axis Control. Full Matrix update and Control of the desired Translational, Rotational and Torsion Vectors. With real Random, Swept Sine, Transient Waveforms and continuous Replication. Real-Time Square and Rectangular control.

RS #229
Spectral Dynamics, Inc.

USB Module for Audio/Acoustic Testing

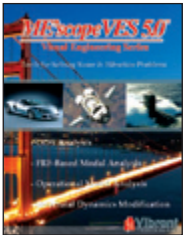


DT9837C is a portable dynamic signal acquisition high-performance, 24-bit resolution. Designed for audio testing, acoustic measurement, and vibration analysis. Available as a board-level OEM version for embedded test applications or installed in a metal mini-XLR or BNC connection box.

RS #230
Data Translation, Inc.

www.datatranslation.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 #222
Vibrant Technology, Inc.

www.vibetech.com

High-Resolution Acoustical Camera



The Norsonic N-848 has high resolution with 225 microphones and is easy to field set up (power cord and single LAN cable to a computer). Sound from every microphone and video is recorded. FFT, 1/3rd OB, or 1/1 OB. Tel: 800.224.3813

RS #226
Scantek, Inc.

www.scantekinc.com

Induced-Draft Cooling Tower Attenuation



This case study discusses the techniques used to successfully reduce the noise propagating from the cooling towers servicing a casino using custom ventilation silencers. Read the entire case study at www.kineticsnoise.com/attenuation

RS #231
Kinetics Noise Control, Inc.

Tel: 800.959.1229

Control Noise, Optimize Performance



Featuring Atomfluff and Bantam brands, along with porous metal filters and silencers, we have been making industrial noise control devices that promote clean and quiet pneumatic operations for more than 60 years. Proudly made in the USA.

RS #223
Allied Witan Company

Tel: 440.237.9630
www.alwitco.com

LAN-XI Acquisition Hardware

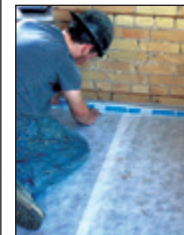


Imagine using the same equipment to make a multi-channel measurement using several large rack systems one day, and a simpler two-channel measurement using a single module the next. With LAN-XI this is reality. One system does it all

RS #227
Brüel & Kjær

Tel: 800.332.2040
www.bksv.com

Sound Solutions from Maxxon



With seven 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 six of the mats are considered 'green' building materials, containing 40% preconsumer recycled content. Count on Maxxon for 'green' sound control. www.maxxoncorporation.com

RS #232
Maxxon Corp.

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.

RS #224
Crystal Instruments

www.go-ci.com

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

RS #228
BSWA Technology Co., Ltd.

www.bswa-tech.com

Modal Exciters



Seven modal exciters to choose from, starting with the Modal 2, delivering 2 lbs of force and 0.16" stroke pk-pk; top selling midrange Modal 50A - 50 lbs of force and 1" of stroke pk-pk; up to the largest MB Modal 1000, delivering as high as 900 lbs of force and 1.8" of stroke pk-pk. www.mbdynamics.com

RS #233
MB Dynamics, Inc.

Tel: 216.292.5850

Vibration & Shock Control Solutions



Fabreka's new corporate brochure outlines product and service capabilities; nearly a century of experience providing vibration isolation and shock control solutions for customers worldwide – from building and construction, automotive and aircraft manufacturing to metrology and precision equipment.

RS #234
Fabreka International, Inc.

www.fabreka.com

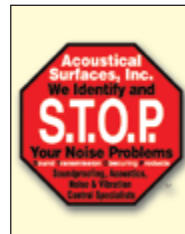
Test and Measurement Product Catalog



Meggitt Sensing Systems has released its new catalog highlighting select models of high-reliability Endeveco, Sensorex, Vibrometer and Wilcoxon Research Sensing Technologies for aerospace, automotive, industrial, R&D, and test and measurement markets. Download a free copy from: www.meggittsensingsystems.com.

RS #239
Meggitt Sensing Systems

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 #244
Acoustical Surfaces, Inc.

HEADlines Newsletter



HEAD acoustics celebrates its 25th anniversary and announces new products: Artemis Suite noise and vibration software with new features for automation, data management and reporting. SQadriga II a compact, multichannel stand-alone recorder/front-end that can acquire direct/ICP data.

RS #235
HEAD acoustics, Inc.

www.headacoustics.com

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 #240
Brüel & Kjær

VR-Observer



The VR-Observer™ is a portable data acquisition and analysis system powered by USB. With the VR-Observer and the new Fatigue Damage Spectrum package, Vibration Research provides all the tools to seamlessly acquire field data, analyze for fatigue, test, and provide a comprehensive test report.

RS #245
Vibration Research Corp.

www.vibrationresearch.com

High-Temperature Accelerometer



Dytran Instruments model 3316C is a miniature, charge-mode accelerometer capable of operating at temperatures up to +900°F (+482°C). At just 5 grams, units employ a "silver window" on the top cover of the accelerometer housing, which provides oxygen access to the crystal at high temperatures and maintains hermetic sealing.

RS #236
Dytran

www.dytran.com

Delivering the Sound of Silence



Signalysis delivers the ultimate in NVH solutions for the lab, for production, and for the field. Whether it is an easy pre-made system or a custom install, Signalysis can deliver using the latest in vibration and acoustics technology available today. www.signalysis.com Tel: 513.528.6164

RS #241
Signalysis, Inc.

4th-Generation Dynamic Signal Analyzers



SentinelEX is new series of smart dynamic signal analyzers. FPGA-based synthetic instrument customization, corporate wide-cloud data management, and runtime health monitoring deliver unmatched NVH test performance. See the difference at: www.vtiinstruments.com/SentinelEX.aspx

RS #246
VTI Instruments Corp.

Vibration Analyzer



The AS-410 merges the best features of real-time machinery analyzers, dynamic signal analyzers, digital recorders, transient capture devices, continuous monitors, and modal testers in compact, rugged, and portable system. Combines advanced analysis tools with intelligent alarming and trending capabilities.

RS #237
Alta Solutions, Inc.

www.altasol.com

Four-Channel, Real-Time Analyzer



Impaq Elite is a portable touch-screen analyzer powered by Microsoft Windows CE for field measurements of sound and vibration. FFT spectrum analysis, computer order tracking, rotor balancing, raw data recording, vibration metering, free Novian analysis software with free updates. Tel: 651.257.6500 www.benstone.com

RS #242
Benstone Instruments, Inc.

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 #247
Brüel & Kjær

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 #238
Eckel Industries, Inc., Acoustic Division

Portable Vibration Calibrator



The 9100D Portable Vibration Calibrator is ideal for performing *in situ* calibration of accelerometers, velocity transducers and proximity probes. Wide frequency range of 7 Hz - 10 kHz; simple, elegant system controls; precision electronic components; and rugged self-contained design ensure accurate, reliable testing. www.modalshop.com

RS #243
The Modal Shop

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 #248
SPEKTRA