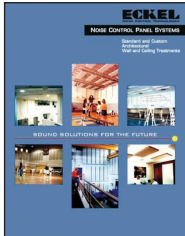


# LITERATURE UPDATE

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.

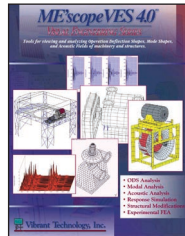
## Noise Control Panels



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

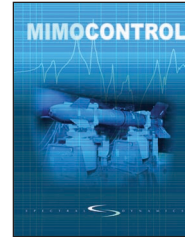
## Modal Analysis with ME'scopeVES 5.0



ME'scopeVES 5.0 contains all of the tools to visualize, analyze and document noise & 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. Flexible packaging with upgrade options. [www.vibetech.com](http://www.vibetech.com)

RS #225  
Vibrant Technology, Inc.

## 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.

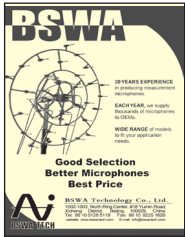
## Vibration Isolation Elastomers



Getzner Werkstoffe has developed a wide range of materials for vibration isolation. Sylomer has an impressive track record, and has been used throughout Europe. Soundown Corporation is now supplying OEM and architectural applications in North America. Contact: 800.359.1036 or [www.soundown.com](http://www.soundown.com)

RS #230  
Soundown Corporation

## BSWA Microphones



BSWA has more than 20 years of experience in producing measurement microphones. Each year we supply thousands of microphones to OEMs. We have a wide range of models to fit your application needs. Tel: +86.10.5128.5118 [www.bswa-tech.com](http://www.bswa-tech.com)

RS #222  
BSWA Technology Co., Ltd.

## LMS SCADAS Data Acquisition Systems



Known for swift performances and superior quality, LMS SCADAS systems deliver optimal measurement quality and precision – in the lab or field. Seamless integration with LMS software suites accelerates measurement set-up, delivering maximum performance and guaranteeing optimal data quality. [www.lmsintl.com](http://www.lmsintl.com)

RS #226  
LMS North America

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

RS #231  
Brüel & Kjær

## Long-Stroke Shakers



ELECTRO-SEIS Long-Stroke Shakers are used for modal excitation in the lab and in the field for seismic simulation, low-frequency calibration of transducers, and other dynamic response applications. Force ratings from 5 lbs (22 N) to 100 lbs (445 N) and acceleration measurements up to 10 g (100 m/s<sup>2</sup>). [www.apsdynamics.com](http://www.apsdynamics.com)

RS #223  
APS Dynamics, Inc.

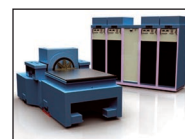
## Gain Some Insight Into Your Results



Casella Insight data management software allows measurement results from many instruments to be stored in the same database. No need for separate programs for every meter. Insight stores, sorts, displays and reports results from CEL-600 real-time analyzer and CEL-350 dBadge dosimeter. New plug-ins for other meters coming soon. [www.casellausa.com](http://www.casellausa.com)

RS #227  
Casella USA

## High-Force Shaker System



Seven T4000/5000/5500 Series Vibration Test Systems include 2- or 3-inch stroke configurations with 25.75-inch armatures. These include the ultra-rugged Induct-A-Ring armature, providing reliable testing for high force applications (28k-55k lbf). All available in configurations for vertical and horizontal testing. [www.udco.com](http://www.udco.com)

RS #232  
Unholtz-Dickie

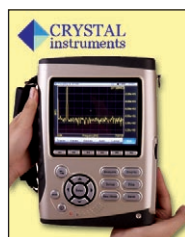
## Coupled FEM-BEM Acoustic Solver



Full-featured acoustic finite-element solver is integrated into existing VNoise boundary-element solver, greatly enlarging VNoise scalability and performance. New features: acoustic cavity modes, Eigenvalues analysis for coupled structural acoustic problems, FEM frequency response, fully coupled FEM-BEM analyses, sound propagation with mean and nonuniform flows. [www.sts-soft.com](http://www.sts-soft.com)

RS #224  
STS

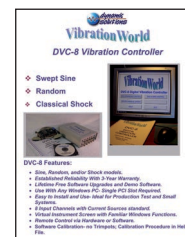
## Dynamic Signal Analyzer



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 64 K. FRF, tri-spectra, octave, order tracking. Weight <1.7 kg. Battery life > 6 hours. 5.7" color LCD. Ethernet, USB, SD card and wireless. Contact: 408.986.8880. [www.go-ci.com](http://www.go-ci.com)

RS #228  
Crystal Instruments

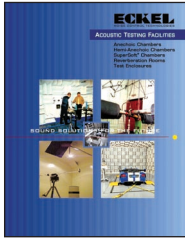
## Intro Pricing Under \$11,000



New 8-channel PC-based control system with sine, random and shock control software. Special 2009 introductory systems will be shipped "unlocked," meaning they will always run all new software features as they are introduced with free upgrades for life. Three-year warranty. Tel: 818.831.0832 [www.dynsolUSA.com](http://www.dynsolUSA.com)

RS #233  
Dynamic Solutions

### 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 #234**  
Eckel Industries, Inc., Acoustic Division

### Thinner, Faster, Quieter Floors



New Acousti-Mat® LP (Low Profile) or LPR (LP with Reinforcement) is the thinner, faster way to quiet floors. Floor goods can be glued directly to the <math><1/16</math>-inch-thick Acousti-Mat LP in concrete, wood, or steel-frame construction. The low profile 3/4-inch Acousti-Mat LPR system is ideal for apartment construction.

**RS #239**  
Maxxon Corp.

### Introducing PULSE Reflex

**PULSE REFLEX™**  
The Product of Intuition

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

**RS #244**  
Brüel & Kjær

### Low-Cost Vibration Test Systems



100 lbf system \$6158, 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.

**RS #235**  
Vibration Test Systems

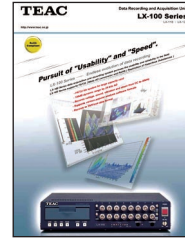
### Real-Time Noise Source Location



Visualize product noise sources "live" and see immediate effects of noise control measures using the new Visor system. See transient noise events as they propagate through a structure using slow motion and freeze frame. Any source on the pressure map can be marked and auralized for analysis.

**RS #240**  
HEADacoustics, Inc.

### 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 front-end for direct PC HDD recording. Contact: 978.468.4135 or

**RS #245**  
Tritek / TEAC Data Recorders

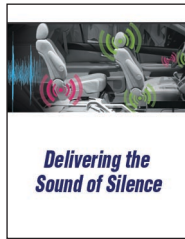
### Engine Knock Analysis System



KRONOS-V is an automated knock detection/calibrator feedback system for multi-cylinder measurement and recording. It allows real-time spectral analysis of multiple knock events contained in cylinder pressure data or block mounted acoustic transducer data, with automated quantification of signal contents.

**RS #236**  
Spectral Dynamics, Inc.

### SigQC Production Test System



Signalysis Production Test Systems are turnkey solutions for NVH quality control testing. Sometimes the perceived quality of your product is measured by the noises it makes. That's why at Signalysis, we "deliver the sound of silence."

**RS #241**  
Signalysis

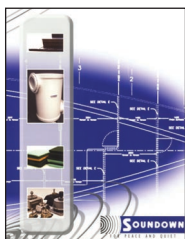
### Pre-Engineered Wood Noise Barrier



PLYWALL® is the only pre-engineered, ASTM-tested, preservative-treated, wood noise barrier system on the market. ASTM E-90 testing reveals better or comparable acoustic performance to concrete, masonry and other more costly alternatives. Supporting heights up to 30 feet; can withstand wind loads up to 60 psf.

**RS #246**  
PLYWALL® – The Sound Solution

### Material Solutions for Peace and Quiet



Soundown has expanded its materials product line to cover growing customer needs. The approach to product design, selection, and manufacturing is based on professional engineering, understanding NVH science and practical experience with materials. Contact: 800.359.1036 or

**RS #237**  
Soundown Corporation

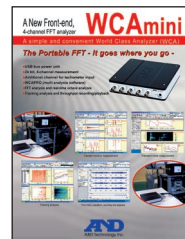
### Acoustic Measurement Systems



ViAcoustics provides acoustic measurement software for National Instruments hardware. Applications for sound level measurement, sound quality analysis and building acoustics are available. Turnkey solutions for laboratory and production testing include GRAS microphones and ETS Lindgren test enclosures.

**RS #242**  
ViAcoustics

### Portable FFT Analyzer



The WCAmini is an inexpensive, portable, four-channel noise and vibration analysis system, offering real-time FFT, octave and order-tracking analysis, with throughput-to-disk recording and playback. Features user-friendly GUI for easy operation. USB-powered unit allows noise and vibration analysis anywhere. Tel: 734.973.1111

**RS #247**  
A&D Technology

### 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 #238**  
Brüel & Kjær

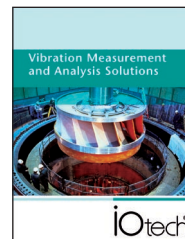
### Noise Control Enclosures



Sound-attenuating Eckoustic® 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 #243**  
Eckel Industries, Inc., Acoustic Division

### Vibration Measurement Solutions Catalog



The 2009 Vibration Measurement and Analysis Solutions Catalog, from IOtech, features the 600 Series of PC-based dynamic signal analyzers and eZ-Series Out-of-the-Box software packages. Includes solutions for rotating machine analysis, machine condition monitoring, predictive maintenance, NVH and more.

**RS #248**  
IOtech