

# 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.

## 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 #221  
Brüel & Kjær

## 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 #225  
Eckel Industries, Inc., Acoustic Division

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

RS #229  
Brüel & Kjær

## 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.

RS #230  
RBTS, Inc.

Tel: 610.415.0412  
FAX: 610.415.0413  
[www.rbts.com](http://www.rbts.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 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 #222  
Crystal Instruments

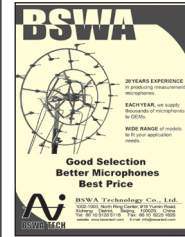
## Thinner, Faster, Quieter Floors



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 <1/16-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.  
[www.amlowprofile.com](http://www.amlowprofile.com)

RS #226  
Maxxon Corp.

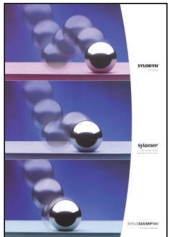
## BSWA Microphones



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 #231  
BSWA Technology Co., Ltd.

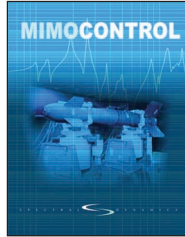
## Vibration Isolation Elastomers



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 #223  
Soundown Corporation

## 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 #227  
Spectral Dynamics, Inc.

## 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](http://www.vts2000.com)

RS #232  
Vibration Test Systems

## The Latest in Vibration Control



Vibration Research designs and manufactures innovative vibration control systems for electro-dynamic and servo-hydraulic shakers. Our team brings together experience in vibration testing, hard/software development, and has a strong desire to take vibration testing to a new level.  
[www.vibrationresearch.com/about\\_movie.html](http://www.vibrationresearch.com/about_movie.html)

RS #224  
Vibration Research Corp.

## Electrodynamic Exciter Selection Guide



The guide presents The Modal Shop's shaker family highlighted by the Smart-Shaker™ with integrated power amplifier. Specifications are listed for the mini, through-hole modal and dual-purpose platform exciters. Graphical layout and kit configurations simplify selection process, insuring all necessary shaker, amplifier, stingers, blowers and accessories are included.

RS #228  
The Modal Shop

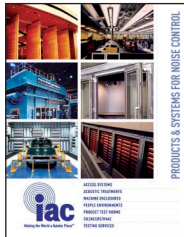
## Modal Analysis with ME'scopeVES 5.0



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.  
[www.vibetech.com](http://www.vibetech.com)

RS #233  
Vibrant Technology, Inc.

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

RS #234  
Industrial Acoustics Company, Inc.

### LAN-XI Acquisition Hardware

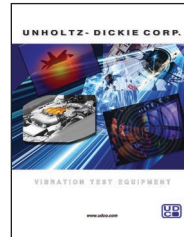


Imagine using the same equipment to make a multi-channel measurement using several large rack systems one day, and a simpler two-channel measurement using a single module the next. With LAN-XI this is reality. One system does it all

Tel: 800-332-2040  
[www.bksv.com](http://www.bksv.com)

RS #239  
Brüel & Kjær

### 3-Inch-Stroke H-Series Shakers



We now offer a choice of armature sizes for all 3-inch-stroke H-Series Shaker Systems. Available with either 17.5- or 25.75-inch diameter armature, these systems are rated from 7,200 - 8,000 lbf. Each has 3 inches of stroke, 100% air-cooled, and configurable with low-profile, pedestal or horizontal slip table base. [www.udco.com](http://www.udco.com)

RS #244  
Unholtz-Dickie Corp.

### Excellent Vibration Damping



Environmentally friendly and stable in extreme temperatures, silicone gel shock-absorbing and vibration-damping products; a superior alternative to traditional materials. Their unique ability to absorb and disperse energy is due to the softness of the silicone gel. Tel: 516.328.3662 [www.vibrationmounts.com](http://www.vibrationmounts.com)

RS #235  
Advanced Antivibration Components

### Environmental Noise in Full Color



The CEL-630 is data logging sound level analyzer with full-color and high-resolution LCD, large memory and ease of use. It's not necessary to choose what to measure - CEL-630 measures everything on a wide single range. Collect noise data in periods and short time history profiles. [www.casellausa.com](http://www.casellausa.com)

RS #240  
Casella USA

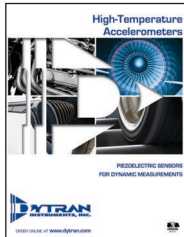
### Four-Channel Touch-Screen Analyzer



Enjoy 40-kHz BW real time on four channels. FRF, coherence displays at the same time, 8+ battery life, USB, compact flash card. 1/3 octave, order tracking, balancing, continuous recording, bearing analysis and more. Free lifetime firmware updates with purchase. Tel: 651.257.6500 [www.benstone.com](http://www.benstone.com)

RS #245  
Benstone

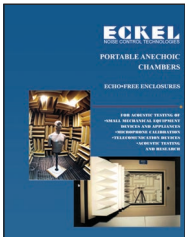
### High Temperature Accelerometers



Dytran's new brochure focuses on IEPE and charge-mode accelerometers for high-temperature applications. Dytran has over 30 years of experience in the successful design and manufacture of high-temperature piezoelectric sensing technologies. For assistance in evaluating your application requirements, e-mail Dytran at [info@dytran.com](mailto:info@dytran.com).

RS #236  
Dytran Instruments, Inc.

### Portable Anechoic Chambers (PACs)



Eckel offers preassembled, sectional and modular styles of high-performance PACs in many sizes for noise studies of small electronic, electrical and mechanical equipment; microphone calibration; free-field response testing of loudspeakers; and other acoustic testing and research. Available with low-frequency cutoffs from 150-500 Hz.

RS #241  
Eckel Industries, Inc., Acoustic Division

### Endevco Acoustic Sensor Selection Guide



Meggitt Sensing Systems, has released its new Endevco microphones and preamplifiers selection guide highlighting Meggitt's extensive range of precision acoustic sensors and instrumentation for automotive NVH, cabin noise, vibro-acoustic testing, appliance noise evaluation, wind tunnel testing and other critical applications.

RS #246  
Meggitt Sensing Systems

### New 2010 Measurement Product Resource



Meggitt Sensing Systems released its 2010 Measurement Product Resource, a catalog, highlighting select models of high-reliability Endevco, Sensorex, Vibro-Meter and Wilcoxon Research sensing technologies for aerospace, automotive, industrial, R&D and test and measurement markets. Download a free copy from [www.endevco.com](http://www.endevco.com).

RS #237  
Meggitt Sensing Systems

### LMS Test.Lab Solution Guide



Designed to make testing more efficient, LMS Test.Lab and the LMS SCADAS data acquisition systems are the solutions that testing departments count on to increase test productivity, maintain quality and achieve a higher return on investment from existing test facilities. Guide presents packaged solutions. [www.lmsintl.com](http://www.lmsintl.com)

RS #242  
LMS North America

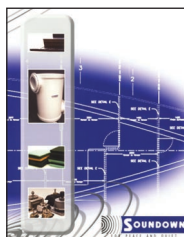
### Sound-Retardant Products



All Overly acoustical products have been independently tested to ASTM standards. In addition, Overly has successfully tested many of its acoustical products to UL fire test standards, including UL 10B (neutral pressure) and UL10C/UBC 7-2 (positive pressure). Tel: 800.979.7300 [www.overly.com](http://www.overly.com)

RS #247  
Overly Door Company

### 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 [www.soundown.com](http://www.soundown.com)

RS #238  
Soundown Corporation

### 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 [info@tritekdatasystems.com](mailto:info@tritekdatasystems.com)

RS #243  
Tritek / TEAC Data Recorders

### 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](http://www.spectronics.net)

RS #248  
Spectronics, Inc.