

# PRODUCT 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.

## Rion NL-62 Sound Level Meter



Precision, lightweight, handheld NL-62 SLM supports all measurement needs: low-frequency capable (1 to 20 kHz), 1/1 & 1/3 octave band real-time analysis, continuous data acquisition (to one month) using auto-store and timer functions, large color display, water resistant construction.

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

RS #221 Scantek, Inc.

## BSWA Impedance Tube System

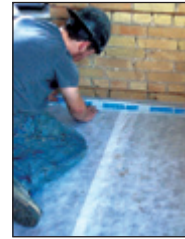


BSWA SW series Impedance Tubes measures sound absorption coefficients and impedance according to ISO/ASTM standards based on the transfer function method. Work with cut samples or directly in the field. Complete system includes tubes, microphones, DAQ hardware and software. E-mail: [info@bswa-tech.com](mailto:info@bswa-tech.com)

[www.bswa-tech.com](http://www.bswa-tech.com)

RS #225  
BSWA Technology Co., Ltd.

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

RS #229  
Maxxon Corp.

## 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" stroke; up to the largest MB Modal 1000, delivering as high as 900 lbs of force and 1.8" stroke pk-pk.

[www.mbdynamics.com](http://www.mbdynamics.com)  
Tel: 216.292.5850

RS #230  
MB Dynamics, 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 #222  
Brüel & Kjær

## 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](http://www.go-ci.com)

RS #226  
Crystal Instruments

## 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 #231  
Eckel Industries, Inc., Acoustic Division

## 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 #223  
Spectronics, Inc.

## HEADlines Newsletter

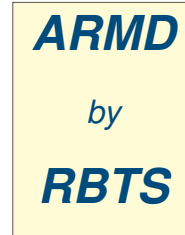


HEAD acoustics celebrates its 25th anniversary and announces new products: ArtemiS Suite noise and vibration software with new features for automation, data management and reporting. Squadriga II a compact, multichannel stand-alone recorder/front-end that can acquire direct/ICP data.

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

RS #227  
HEAD acoustics, Inc.

## Rotor Dynamics and Bearing Software



Advanced Rotating Machinery Dynamics (ARMED) software has been proven effective by companies worldwide. The most advanced software for bearings, rotor dynamics and torsional vibration. ARMED features user-friendly help, graphics and much more.

Tel: 610.415.0412  
FAX: 610.415.0413  
[www.rbts.com](http://www.rbts.com)

RS #232  
RBTS, Inc.

## Dynamic Signal Analyzers



Measure, analyze and report with the same software. m+p's dynamic signal analyzers cover advanced N&V applications from two to high-channel counts in the field and in the lab. Time, wavelet and frequency analysis, structural testing, rotational dynamics, acoustic analysis and environmental vibration testing.

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

RS #224  
m+p international, inc.

## 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.

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

RS #228  
Alta Solutions, Inc.

## New Smart Dynamic Signal Analyzers



The most trusted solutions in NVH instrumentation, VTI Instruments Corp. has built upon this legacy with a new series of signal analyzers, SentinelEX. FPGA-based synthetic instrument customization, corporate-wide cloud data management, and run-time health monitoring deliver unmatched NVH test performance. [www.vtiinstruments.com/SentinelEX.aspx](http://www.vtiinstruments.com/SentinelEX.aspx)

RS #233  
VTI Instruments

### 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 #234  
Brüel & Kjær

### Corporate-Wide DAQ Coverage



The SentinelEX Integrated DAQ family delivers complete corporate-wide coverage spanning a broad range of applications and measurement types. VTI's turnkey approach to scalable, distributable, modular data acquisition solutions provides customers with the flexibility to tailor their data acquisition system to their specific test requirements.  
[www.vtiinstruments.com](http://www.vtiinstruments.com)

RS #239  
VTI Instruments

### Environmental Noise Measurements



Accurate measurement of environmental sound and vibration requires appropriate instruments designed for the application. Svanvek sound and vibration instruments are easy to use, accurate, and reliable. Request a copy of our recent brochure at  
[www.sensidyne.com/svantek](http://www.sensidyne.com/svantek)

RS #244  
Sensidyne Sound & Vibration

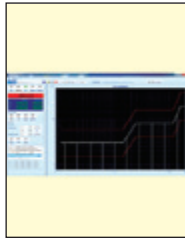
### Dynamic Data Recorders



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 #235  
Tritek / TEAC Data Recorders

### Multi-Sine Vibration Testing



Multi-sine excitation has been newly implemented into m+p's VibControl shaker control systems. This technique is used to largely reduce the time and costs of durability tests. It allows simultaneous sweeping up to 10 independent sine tones at different levels across the desired frequency range..  
[www.mpihome.com](http://www.mpihome.com)

RS #240  
m+p international, inc.

### APS Long Stroke Shaker



The new APS 420 long-stroke shaker features a maximum force of 200 lbs (900 Newton) and a stroke of 6 inches (150 mm). The trunnion facilitates any shaker orientation, and accessories are available for modal and component testing applications.  
Tel: 949.234.9791  
[www.apsdynamics.com](http://www.apsdynamics.com)

RS #245  
APS 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 #236  
Vibration Test Systems

### Test and Measurement Product Catalog



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

RS #241  
Meggitt Sensing Systems

### Portable Vibration Calibrator



The award-winning 9100D portable vibration calibrator is ideal for performing on-site calibration of accelerometers, velocity transducers and proximity probes. A frequency range of 7 Hz to 10 kHz, simple and elegant system controls, precision electronic components, and rugged self-contained design ensure accurate and reliable testing.  
[www.modalshop.com](http://www.modalshop.com)

RS #246  
The Modal Shop

### VIBpoint Framework 3.0



VIBpoint Framework 3.0 combined with Data Translation dynamic signal acquisition hardware features tools to acquire data, record to disk, read recorded data file, analyze acquired data using single- and two-channel FFT functions, and produce a variety of output stimuli for noise and modal analysis testing.  
[www.datatranslation.com](http://www.datatranslation.com)

RS #237  
Data Translation, Inc.

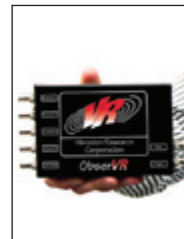
### SEMCO Industrial Acoustical Products



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](http://www.semcohvac.com)

RS #242  
SEMCO

### ObserVR



The ObserVR™ is a portable data acquisition and analysis system powered by USB. With the ObserVR 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.  
[www.vibrationresearch.com](http://www.vibrationresearch.com)

RS #247  
Vibration Research Corp.

### 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](http://www.dynsolusa.com)  
Tel: 877.767.7077

RS #238  
Dynamic Solutions, LLC

### 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](http://www.kineticsnoise.com/attenuation)  
Tel: 800.959.1229

RS #243  
Kinetics Noise Control, Inc.

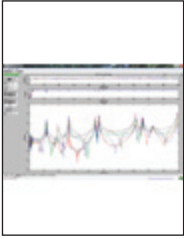
### Acoustical Products and Systems



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 #248  
Eckel Industries, Inc., Acoustic Division

### Simplified Modal Testing a Reality



SDRL's X-Modal III modal analysis software and VTI Instruments Corporation's SentinelEX™ Smart Dynamic Signal Analyzers combine to lead the way in easy to use modal testing. Experience "one-click" away task-oriented interfaces, autonomous modal parameter estimation, and simplified "cut & paste" data management.

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

**RS #249**  
VTI Instruments

### 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: i-ntuitive user interface, powerful data management and enhanced reporting opportunities. Tel: 800.332.2040

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

**RS #250**  
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 #251**  
Eckel Industries, Inc., Acoustic Division