

PRODUCT UPDATE

These product bulletins, brochures and catalogs are free.
To order copies, goto www.SandVinfo.com,
select the July issue and enter RS numbers of interest.

Low-Noise, Prepolarized Microphone



This industry exclusive, half-inch, low noise microphone measures to 6.5 dB in a cost-effective, 0V design. Applications for this high-sensitivity, Model 378A04 mic include: computer drive testing, electronic vehicle sound quality, white-goods sound power and general low-noise testing.

www.pcb.com/low-noise-mic

RS #221
PCB Piezotronics, Inc.

Air-Cooled, 3-In.-Stroke Shaker Systems



K-Series vibration Test systems are rated up to 17,000 lbf sine, 16,000 lbf random, and 34,000 lbf shock. They are the only systems in this range that are 100% air cooled. All systems available for vertical and horizontal testing and can be outfitted with a guided or unguided head expander.

www.udco.com

RS #225
Unholtz-Dickie

Wireless Analysis Anywhere

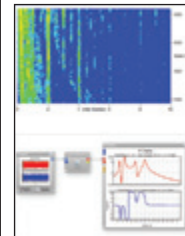


Four input channels, one tachometer channel. Built-in Wi-Fi. iPad compatible, PC-independent. Weighs only 18 ounces. Six-hour battery life, 4 GB flash memory. FRF, octave, order tracking, time waveform recording, shock response spectrum.

www.crystalinstruments.com

RS #229
Crystal Instruments

Acoustics and Vibration Analysis



HBM Prencia offers nCode VibeSys™ - a powerful processing system for performing acoustics and vibration test data analysis. Easy-to-use software enables the design of a reliable product that satisfies customer expectations in terms of sound, comfort, and regulatory requirements.

www.ncode.com

RS #230
HBM Prencia

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 #222
Vibrant Technology, Inc.

DC-to-10-kHz Accelerometer



Series 7705A ELFTM sensors offer extended low frequency combined with piezoelectric and variable-capacitance MEMS element as a single output to create the widest available bandwidth. DC (0 Hz) to 10 kHz is ideal for flight testing, ride quality, HUMS, wind turbine measurements, machinery monitoring and more.

www.dytran.com

RS #226
Dytran Instruments, Inc.

New Analysis Firmware

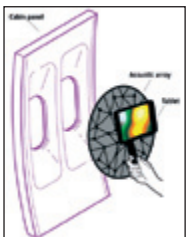


TEAC now has new analysis firmware with intuitive setup; 24-bit resolution; Multi-media memory; DC, IEPE, video, CAN and strain inputs; analog and digital output; LAN-Ethernet interface, and multi-unit record sync. Each functions totally independently or as a front end for direct PC HDD recording.

Tel: 440.935.7729
www.teac.com

RS #231
TEAC America

Aim, Shoot . . . and Measure Noise



Brüel & Kjær's new PULSE Reflex Acoustic Camera is a complete kit for real-time noise source identification and data recording, designed to be up and running in 20 seconds. Making it easy to identify and measure non-stationary noise events in areas such as aircraft cabins, cargo bays, and passenger vehicles.

Tel: 800.332.2040
www.bksv.com

RS #223
Brüel & Kjær

New Abacus 901 Vibration Controller



The small-format, high-performance 901 Controller combines real-time vibration control and comprehensive signal analysis in a single compact system. SignalCalc 900 Series software features simplified user interface, enhanced signal analysis tools, user-defined, real-time signal processing and runs on the new Abacus 900 Series hardware.

www.dataphysics.com

RS #227
Data Physics

Low-Cost Shock and Vibration Loggers



IST introduces two new shock and vibration loggers for transport monitoring, along with warning labels. ShockTimer-Plus 3D logs peak shocks, date, time temp, humidity. VibTimer-Plus 3Dv2 logs peak-g, vibration g-rms, temperature, humidity. Battery life 3+ months. Units starting under \$1,000 each and less in quantity.

www.isthq.com

RS #232
Instrumented Sensor Technology, Inc.

Prevent Over- or Under-Testing



Announcing iDOF™ - Vibration Research's newly patented test module that protects products during vibration testing. iDOF works with real-world data to produce a smooth line in seconds. Over-testing situations are flagged almost immediately. Safeguard your products today.

Tel: 616.669.3028
www.vibrationresearch.com

RS #224
Vibration Research

SQobold - Unmatched Portability



SQobold offers the utmost in portability for sound and vibration recordings and analyses; no need to lug along a tablet. Four channels of data input includes onboard GPS and video inputs for further documentation. Functions include sound level measurement and various analyses such as FFT, octave, specific loudness and sharpness versus time.

www.headacoustics.com

RS #228
HEAD acoustics

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 #233
Spectronics, Inc.

XL2 Spectral Limits Option



Adding the Spectral Limits option to the NTI XL2 acoustic analyzer adds an ISO 1/6 and 1/12 octave RTA function and supports all standard international standards for noise curve measurements in rooms. (NC, NR, etc). The XL2 then shows the noise spectrum mapped onto the appropriate limiting noise curve number. www.nti-audio.com

RS #234
NTI Americas Inc.

Three-Axis Shaker



Dongling Technologies delivers three-axis shaker systems with a force rating of up to 17,600 force pounds in each axis. Dongling design and innovation have made these three-DOF systems capable of up to 2000 Hz. Tel: 616.583.8246. www.donglingusa.com

RS #239
Dongling Technologies USA

LAN-XI Module Type 3057



This module is specifically aimed at high-frequency applications with bridge type transducers. Bridge module Type 3057-B-030 is a three-channel 102.4 kHz LAN-XI module intended primarily for dynamic bridge measurements using PULSE Reflex™, piezoresistive and variable-capacitance accelerometers and pressure sensors. store.bksv.com

RS #244
Brüel & Kjær

PULSE Reflex Measurements



Transducer Smart Setup is a mobile application that works in combination with data matrix codes (similar to QR codes™) on transducers to simplify and automate multi-channel test setups. The data matrix code also provides instant access to specifications and calibration information. Tel: 800.332.2040 www.bksv.com

RS #235
Brüel & Kjær

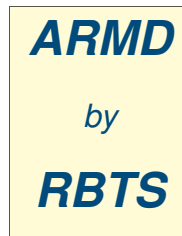
Single-Axis Sensors



Type 8774B/8776B single-axis sensors are available from 50-500 g. This 3-gram sensor family offers a unique wide frequency response from 0.5-20,000 Hz. Top or side connector, adhesive or stud mount, as well as IP68 waterproof options provide a solution for many vibration applications. For more information, please visit www.kistler.com

RS #240
Kistler Instrument Corp.

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 #245
RBTS, Inc.

Water-, Dust-Resistant Mic System



PCB's water- and dust-resistant prepolarized microphone, Model 130A24, is IP55 (ingress protection) rated for solids and liquid protection. The acoustically transparent water- and dust-resistant cover is ideal for harsh environments where moisture and contamination are a concern.

www.pcb.com/water-resistant-mic

RS #236
PCB Piezotronics, Inc.

Spectral Dynamics Shakers

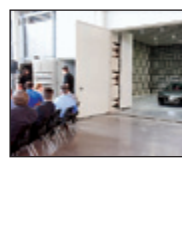


Spectral Dynamics, a trusted name in vibration testing for more than 50 years, now offers a complete line of electrodynamic shakers and shock testing machines. For modal, MISO or MIMO, we have shakers from 12 pounds to 12 tons of force – or more

www.spectraldynamics.com

RS #241
Spectral Dynamics, Inc.

High-Performance Test Chambers

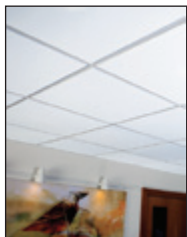


Eckel's high-performance, quality-engineered anechoic chambers, reverberation rooms and SuperSoft® chambers are ideal environments for conducting accurate acoustic measurements. Pictured: Fanshawe College Canadian Center for Product Validation, a hemi-anechoic chamber to assess acoustic noise performance.

www.eckelusa.com

RS #246
Eckel Industries, Inc.

Micro-Perforated Ceiling / Wall Panels



Silk Metal ceiling tiles are state-of-the-art micro-perforation technology sound absorbers with an elegant, smooth appearance, perfect for conference rooms, restaurants, theaters, clean rooms; any application requiring sound absorption. Easy installation and maintenance. NRC rating of 0.80. Tel: 800.854.2948

www.acousticalsurfaces.com

RS #237
Acoustical Surfaces, Inc

Octave Sound Level Meters

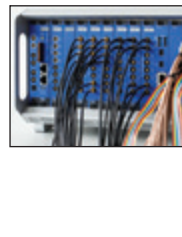


BSWA's new-generation octave sound level meters update dual-core (DSP+ARM) architecture to single-chip ARM with FPU, and all fixed-point calculations to floating point, which significantly improves accuracy and stability. Re-designed analog front-end circuit lowers noise floor and increases linear range. Contact:

liuwei@bswa.com.cn
www.bswa-tech.com

RS #242
BSWA

Portable Powerful Data Acquisition



VibMobile gives portability to the line of m+p solutions for data acquisition and vibration control. Bridge conditioning modules for strain and DC sensors; and 200 kHz modules with custom filters and range selections. m+p offers solutions from 2 to 1024 channels. www.mpiphone.com. Tel: 973.418.0684

RS #247
m+p international

In-Vehicle Logging with DSA 2.9



Signal.X Technologies has released a major update to its proven NVH analyzer that includes the ability to log CAN data (such as vehicle bus or GPS receiver) alongside high-speed data. For in-vehicle logging, the new logging module provides a touch-friendly HMI and easy navigation and recording.

www.signalxtech.com

RS #238
Signal.X Technologies LLC

APEX SL Vibration Controller



APEX SL vibration controller features a slim-line chassis housing up to 16 input channels, USB 2 connectivity, 24-bit A/D input/output resolution with IEP current source, and 120 dB input dynamic range (typical). Software is available for sine, random and shock testing, along with advanced modes Sine on Random.

www.udco.com

RS #243
Unholtz-Dickie

Reduce Visits to Remote Locations



Whether you're monitoring construction, city, or airport noise, it's now easier with NoiseTutor, which allows data publishing and real-time alerts, anytime, anywhere. Equipped with Model 831 sound level meter and available in a portable option.

www.larsondavis.com/Products/NoiseMonitoring-Systems

RS #248
PCB Piezotronics, Inc.