

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.

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 #221
Crystal Instruments

Dewetron Adds Time-Travel Capability

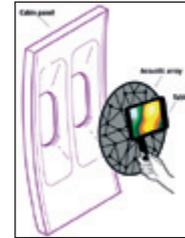


Dewetron's OXYGEN software offers Deja-VIEW™ – the ability to look back at any part of the recorded data, at any resolution, even while still recording at full speed. Pinch-and-zoom gestures make setup, data recording, and analysis easier than ever before.

RS #225
Dewetron, Inc.

<http://www.dewamerica.com/Products/Components/Software/Oxygen/>

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.

RS #229
Brüel & Kjær

Tel: 800.332.2040
www.bksv.com

Water- and Dust-Resistant Mic System



PCB's water- and dust-resistant, prepolarized array microphone system, Model 130A24, is designed for harsh applications and environments. With an acoustically transparent, replaceable, water- and dust-resistant cover, it is ideal for applications where moisture, oil splash, and contamination are a concern.

RS #230
PCB Piezotronics, Inc.

www.pcb.com/acoustics

Intuitive Data Acquisition Systems



TEAC data acquisition features intuitive setup with selectable 24/16-bit resolution. Solid-state 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. Contact: 440.935.7729 or datarecorder@teac.com

RS #222
TEAC America

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

RS #226
Spectral Dynamics, Inc.

www.spectraldynamics.com

Professional Acoustic Products



BSWA has a complete line of professional acoustic products, ranging from microphones, sound level meters to acoustical solutions such as an impedance tube system, sound power testing system, and beam-forming testing system.

RS #231
BSWA

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

900 Series Signal Analyzer



The 900 Series integrates comprehensive signal analysis capabilities with a new distributed real-time signal processing engine to provide extraordinary dynamic testing capabilities. Compact and rugged, it can be used in field and lab applications. With modular, gigabit Ethernet architecture, systems can be expanded to over 1000 channels for lab use.

RS #223
Data Physics

www.dataphysics.com

Calibrate Your Sensors



Turn-key system performs calibration verification on all sensors in your lab. System performs a sine sweep, controlling on a reference accelerometer, then automatically calculates accelerometer sensitivity at chosen frequency. Variety of customizable report templates. High-frequency for sine recommended for sensors rated > 4,900 Hz.

RS #227
Vibration Research www.vibrationresearch.com

DC to 10-kHz Accelerometer



Series 7705A 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.

RS #232
Dytran Instruments, Inc.

www.dytran.com

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.

RS #224
Unholtz-Dickie

www.udco.com

Multipurpose, Lightweight Accelerometers

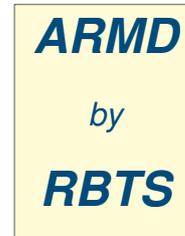


Type 8774B and 8776B families are single-axis, 3-g, ceramic-shear sensors available in many configurations to fit most modal and vibration applications. Integral stud or ground isolated, adhesive mount, top or side connector, integral IP 68 cable configuration for underwater; g ranges from 50 - 500 g available.

RS #228
Kistler Instrument Corp.

www.kistler.com

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 #233
RBTS, Inc.

Tel: 610.415.0412
FAX: 610.415.0413
www.rbts.com

APEX SL Vibration Controller

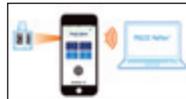


APEX SL vibration controller features a slim-line chassis housing up to 16 input channels, USB 2 connectivity, 24-bit A/D input/output resolution with IEPE current source, and 120 dB input dynamic range (typical). Software is available for sine, random and shock testing, along with advanced modes Sine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

RS #234
Unholtz-Dickie

www.udco.com

Transducer Smart Setup



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.

RS #239
Brüel & Kjær

www.bksv.com

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 microphone include: computer drive testing, electronic vehicle sound quality, white goods sound power and general low-noise testing.

RS #244
PCB Piezotronics, Inc.

www.pcb.com/acoustics

Digital-Ready USB Accelerometer



Digiducer offers a fully integrated high-resolution, broad-frequency piezoelectric accelerometer with internal digital data acquisition. It makes plug-and-play vibration measurements as simple as recording standard audio on your smart phone, tablet or PC. Digiducer offers a flat response to 8 kHz with ± 20 g range. Vibration testing simplified.

RS #235
Digiducer, Inc.

www.digiducer.com

Properties of Acoustical Materials



Spepronics' 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.

RS #240
Spepronics, Inc.

Tel: 859.321.1843
www.spepronics.net

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.

RS #245
NTI Americas Inc.

www.nti-audio.com

SQobold – Unmatched Portability



SQobold offers the utmost in portability for sound and vibration recordings and analysis; 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.

RS #236
HEAD acoustics

www.headacoustics.com

Signalysis IQC Production Test Systems



Signalysis IQC Production Test Systems are designed to perform 100% product inspection or NVH-related defects. Signalysis test systems use traditional NVH laboratory test methods for modal, sound quality, gear/bearing noise to design specific objective metrics that will eliminate other objectionable noise complaints.

RS #241
Signalysis

www.signalysis.com

High-Performance Test Chambers



Eckel's high-performance and quality-engineered anechoic chambers, hemi-anechoic chambers, reverberation rooms and SuperSoft® chambers provide the ideal environment for conducting accurate acoustic measurements. Pictured: The recently installed Eckel anechoic chamber at the Whirlpool Corporation.

RS #246
Eckel Industries, Inc.

www.eckelusa.com

Human Vibration Meter



Make human vibration measurements easier with the HVM200, using latest measurement technologies for worker safety and product testing applications, including 1/1- and 1/3-octave filters, waveform recording, and wireless connectivity using phone or tablet. Download free app on Google or Apple app stores.

RS #237
Larson Davis

www.larsondavis.com

Hands-On Modal Testing Seminar



Join the more than 1000 engineers and technicians who have tested a Navcon JimBeam and a race-prepared Porsche since 1991. You will create a FEM, perform a pretest analysis, conduct the modal test, correlate your FEM-test models, and update your FEM. This is a hands-on training!

RS #242
Navcon Engineering Network

Mar., July and Nov. 2016.
www.navcon.com

ME'scopeESS Environmental Series



Real-time, remote, online environmental and construction site noise and ground vibration monitoring. Custom alarming over user-defined frequency and octave bands, e-mail/text alerts, frequency spectra, time waveforms, trend plots, reporting and more. Available in a fully-contained, weather-resistant enclosure.

RS #247
Vibrant Technology

www.vibetech.com

Brüel & Kjær Online Store



Ordering your sound and vibration solutions just got easier with the new online store. It provides a more convenient way to buy hundreds of B&K's most popular products and services. Register now and enjoy the ease of your Brüel & Kjær online shopping experience.

RS #238
Brüel & Kjær

Tel: 800.332.2040
store.bksv.com

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.

RS #243
SPEKTRA

Tel: 949.234.9791

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.

RS #248
m+p international

www.mpihome.com
Tel: 973.239.3005