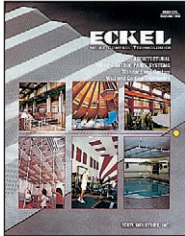


LITERATURE UPDATE

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.

Noise Control Panels



Eckoustic® Functional Panels (EFPs), independent sound-absorbing panels, can be spot located on walls/ceilings and not disturb existing utilities. Simple installation, durable, low maintenance. These high-performance acoustical wall/panel systems economically improve sound environments.

RS #221
Eckel Industries, Inc., Acoustic Division

Calculate Modal Assurance Criteria



This document describes the calculation of MAC values based on data obtained by electronic holography. The new HoloFringe300K interferometry program combined with the new ModeMatch program allow identification, capture, and comparison of mode shapes. www.holofringe.com.

RS #225
Karl Stetson Associates, LLC

High-Performance Acoustical Windows



St. Cloud Window specializes in ultra-high-performance acoustical windows with STC ratings up to 60. Our products and expertise allow us to undertake complex, specialized projects. Call 800.383.9311 to request a spec binder or CD-ROM. www.stcloudwindow.com

RS #229
St. Cloud Window, Inc.

R-Series Vibration Test Systems



Nine R-series vibration test systems include 2 or 3 in. stroke configurations with 17.5 or 25.75 in. armatures. These all air cooled systems provide reliable performance for medium and high force applications (9,000-13,500 lbf). Available in configurations for vertical and horizontal testing. www.udco.com

RS #230
Unholtz-Dickie Corp.

Leading-Edge Vibration Analysis



Using the vb3000™ as our benchmark, we proceeded to engineer the all-new vb7™ instrument's electronics from the ground up using state-of-the-art, lightweight components. We then sculpted the vb7 instrument into a superbly comfortable tool designed both by and for predictive maintenance professionals. www.commtest.com

RS #222
Commtest

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 #226
RBTS, Inc.

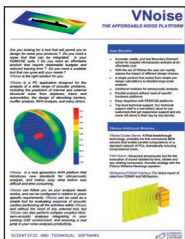
Data Acquisition and Instrumentation



Catalog features product selection guides for complete hardware/software measurement solutions. Detailed information about new 600 Series of dynamic signal analyzers. 640 and 650 models provide bus-powered USB 2.0 high-speed connectivity and are ideal for noise, vibration, harshness and rotating machinery applications.

RS #231
IOtech, Inc.

VNoise Multicore BEM



VNoise, the new generation NVH boundary-element package, introduces direct support for recent multicore CPUs. Improve performance of your vibroacoustic and aeroacoustic analyses by a factor of 2 or 4 using dual- or quad-core CPUs. Reliable, accurate and fast analyses on your desktop PC.

Tel: +39.0332.333871 (Italy)
www.sts-soft.com

RS #223
STS

Model 129 Air Bearing Shaker



Vibration excitation for calibration and testing of vibration sensors, components and accelerometers. Features include:
• 6-in. p-p displacement,
• 50-lb load capacity,
• low distortion,
• low cross-axis motion,
• 40-lb force rating
• very low noise level.
www.apsdynamics.com

RS #227
APS Dynamics, Inc.

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 #232
Spectral Dynamics, Inc.

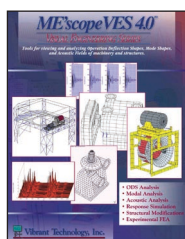
Kurtosion



A breakthrough in vibration testing brings real-world conditions to the lab. Kurtosion, Vibration Research's new random software innovation, controls both RMS and Kurtosis of the random waveform, allowing more control over the probability distribution and a closer match between real world and test lab. www.vibrationresearch.com

RS #224
Vibration Research Corp.

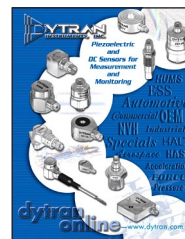
Modal Analysis with ME'scopeVES 5.0



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

RS #228
Vibrant Technology, Inc.

New Dytran Catalog



Dytran's new 36-page catalog features an expanded offering of piezoelectric sensors for industrial monitoring applications, including vibration, pressure, force and structural dynamics. Dytran makes accelerometers, impact hammers and impedance heads, as well as dynamic force and pressure sensors. www.dytran.com

RS #233
Dytran Instruments, Inc.

Vibration Test Equipment



A supplier of vibration test systems, UD offers a wide range of products, including Air Cooled Amplifiers, Electrodynamic Shakers, Integrated Slip Tables, Long Stroke Thrusters, Vibration Controllers, Head Expanders, Transducer Calibrators, Instrumentation, and Accelerometers.

www.udco.com

RS #234
Unholtz-Dickie Corp.

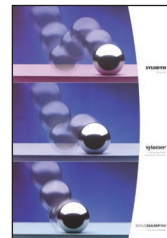
Acoustic Test Facilities



Eckel's high-performance, quality engineered anechoic and hemi-anechoic chambers, test cells and reverberation rooms provide the precision environment for conducting accurate acoustic measurements. Four styles of anechoic wedges are offered to meet all frequency requirements.

RS #239
Eckel Industries, Inc., Acoustic Division

Vibration Isolation Elastomers

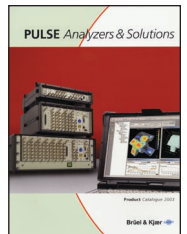


Getzner Werkstoffe has developed a wide range of materials for vibration isolation. Sylomer has an impressive track record, and has been used throughout Europe. Soundown Corporation is now supplying OEM and architectural applications in North America. Contact: 800.359.1036 or

www.soundown.com

RS #244
Soundown Corporation

PULSE Analyzer Catalog



PULSE based solutions are listed by application. From basic vibration to advanced MIMO modal analysis, simple SPL logging to high channel count beam-forming arrays. PULSE can meet your toughest sound & vibration needs. Vast expandability in both hardware and software.

www.bkhome.com

RS #235
Brüel & Kjær

Accelerometers and Conditioning



Catalog covers Brüel & Kjær's full range of Accelerometers, Impact Hammers, Impedance Heads, Non-contact Transducers, Conditioning Amplifiers, Cables and Accessories. Products are sorted individually into tables listing the most important specifications for easy selection of the right product for your particular measurement needs.

RS #240
Brüel & Kjær

Modal Excitation Systems



Xcite has released a catalog of high frequency, high force electro-hydraulic modal excitation systems. Systems range from 1000 lbf to 20,000 lbf capacity and the product range includes linear exciters and torsional exciters as well as linear and torsional inertial mass models with excitation to over 1000 Hz.

www.xcitesystems.com

RS #245
Xcite Systems Corp.

Low-Cost Vibration Test Systems

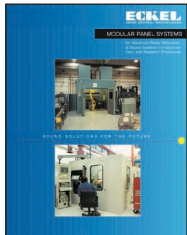


100 lbf system \$5865, complete with vibrator, base, blower, linear low-distortion amplifier, all cables and hoses. Low-cost digital controller converts PCs to powerful vibration controllers. Low as \$3995 for sine. \$7990 for new complete 4-channel control package.

www.vts2000.com

RS #236
Vibration Test Systems

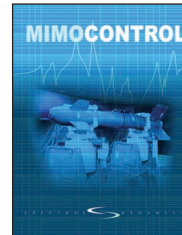
Noise Control Enclosures



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 #241
Eckel Industries, Inc., Acoustic Division

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 #246
Spectral Dynamics, Inc.

Hand-Held Tachometers

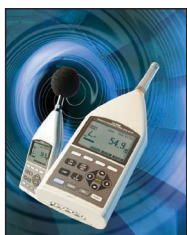


Dual contact/noncontact tachometer with both analog and pulse output, analog signal for recording rotational data at data recorder, etc. Pulse signal for external sampling signal at FFT analyzer for tracking analysis. Wide measurement range from 6.0 r/min to 99999 r/min.

www.onosokki.net

RS #237
Ono Sokki Technology, Inc.

Wide-Band Integrating SLM



The LA-5560 Wide-Band Integrating Sound Level Meter conforms to international and domestic standards and is designed to be easily connected to a PC. An SD memory card and USB connector are provided to meet requirements for processing of measurement data.

www.onosokki.net

RS #242
Ono Sokki Technology, Inc.

Vibration Comparator



The VC-2100 vibration 'watchdog' for go/no go vibration testing of products, facilities diagnosis and machinery inspection. Accepts output from an accelerometer, detects abnormalities in machinery, verifies vibration levels and provides level judgements.

www.onosokki.net

RS #247
Ono Sokki Technology, Inc.

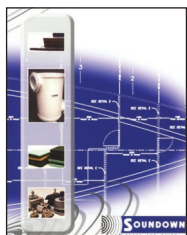
ARTeMIS Analyzer



ARTeMIS Analyzer is the latest product in a series of software solutions designed to make vibration testing and analysis of structures under operation as easy and as reliable as possible. Contact sales@svbs.com to get more information about its capabilities in Operational Modal Analysis and Operating Deflection Shapes.

RS #238
Structural Vibration Solutions

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

RS #243
Soundown Corporation

RC Assurance™



RC Assurance™ clips act as an impenetrable washer that puts the extra space between the resilient channel and the joist helping eliminate ceiling noise. Space Assurance™ suspends the channel so the gypsum board can be fixed properly. Assures developers that the RC channels are installed properly. www.KeeneBuilding.com

RS #248
Keene Building Products