

LITERATURE UPDATE

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select the January issue and enter RS numbers of interest.

LMS Test.Lab Solution Guide

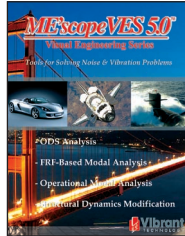


Designed to make testing more efficient, LMS Test.Lab is the solution that testing departments count on to increase test productivity while maintaining quality and ultimately achieving a higher return on investment from existing testing facilities. The guide presents packaged solutions for the LMS product lines.

RS #221
LMS North America

www.lmsintl.com

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 #225
Vibrant Technology, Inc.

Vibration Testing and DSA



VibPilot is an all-in-one device for professional vibration testing and dynamic signal analysis in the field and in the lab. 4 or 8 channels, expandable. VibPilot provides high-speed USB interface, TEDS support, remote control in a compact, dust-proof, rugged housing and fan-less, noise-free operation.

RS #229
m+p international inc.

www.mpilhome.com

World's First Multifield Microphone

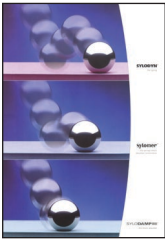


Brüel & Kjær announces the launch of the world's first multifield measuring microphone. Type 4961 is a unique 1/4-inch measuring microphone with the same low noise floor as a 1/2-inch microphone, and optimized multifield response.

Tel: 800-332-2040
www.bksv.com

RS #230
Brüel & Kjær

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 #222
Soundown Corporation

Dynamic Signal Analyzer

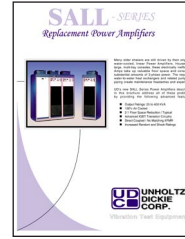


2/4/8/16 inputs and one signal source. Sample all inputs up to 102.4 kHz. 130-dB dynamic range. Continuous recording at full speed. FFT sizes up to 64 K. FRF, tri-spectra, octave, order tracking. Weight <1.7 kg. Battery life >6 hours. 5.7" color LCD. Ethernet, USB, SD card and wireless. Contact: 408.986.8880.

www.go-ci.com

RS #226
Crystal Instruments

Power Amplifiers Save Power and Space



Extend shaker life – replace original amps with SA Series; 100% air-cooled, >90% efficient, and take <50% space as water-cooled amps. They provide at least 10% more random vibration performance and 50% more shock than comparable units. Output ratings from 15-480 KVA available to drive shakers made by UD, Ling, MB, LDS, and others.

www.udco.com

RS #231
Unholtz-Dickie

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

RS #223
Brüel & Kjær

Freq Out!



DEWE-3143-DSA is a notebook style analyzer with eight 24-bit inputs, 200 kS/s simultaneous sampling and anti-aliasing filters. Bright 15" touchscreen and battery power for 2 hours. DEWESoft-DSA software provides on-line FFT, FRF, 3rd octave, order tracking, modal analysis, torsional vibration, human vibration, and much more!

www.dewamerica.com

RS #227
Dewetron

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

RS #232
Vibration Test Systems

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

RS #224
BSWA Technology Co., Ltd.

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

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 #233
Eckel Industries, Inc., Acoustic Division

DVC-8 Special Introductory Offer



- ◆ Swept Sine
- ◆ Random
- ◆ Classical Shock

RS #234
Dynamic Solutions

DVC-8 PC-based vibration controller includes 8 input channels, sine, random and shock software; 3-year warranty. New software set for 2010 release includes field data replication, sine on random and random on random. Buy now and get FREE upgrades and all future software options for LIFE! Tel: 818-831-0832 www.dynsolusa.com

Material Solutions for Peace and Quiet



RS #239
Sounddown Corporation

Sounddown 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.sounddown.com

LAN-XI Acquisition Hardware



RS #244
Brüel & Kjær

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

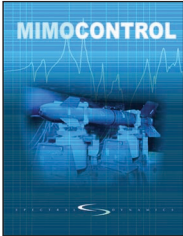
Thinner, Faster, Quieter Floors



RS #235
Maxxon Corp.

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

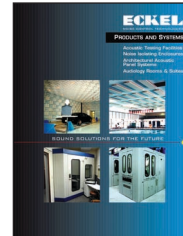
MIMO Control from Spectral Dynamics



RS #240
Spectral Dynamics, Inc.

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.

Acoustical Products and Systems



RS #245
Eckel Industries, Inc., Acoustic Division

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.

Rotor Dynamics and Bearing Software



RS #236
RBTS, Inc.

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

The Latest in Vibration Control



RS #241
Vibration Research Corp.

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

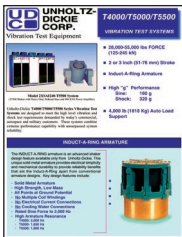
Compact Environmental Noise Analyzer



RS #246
Casella USA

The CEL-621C features a wide-range, full-color LCD. All popular parameters including L_{eq} plus five statistical results and third octaves make it easy to collect meaningful data. Simple download to spreadsheet or Casella Insight software via USB. Simultaneous A, C and Z weightings with slow, fast, impulse response plus peak. www.casellausa.com

High-Force Shaker System



RS #237
Unholtz-Dickie

Seven T4000/T5000/T5500 high-force vibration test systems include 2- or 3-in. stroke configurations with 25.75-in. armatures. Induct-A-Ring armature provides reliable testing for high force applications (28-55k lbf). All available for vertical and horizontal testing; can be outfitted with massive support structure and guided head expander. www.udco.com

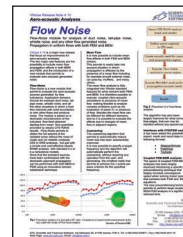
Get Your Freq On!



RS #242
Dewetron

DEWE-43-DSA is a handheld analyzer with eight 24-bit inputs, 200 kS/s simultaneous sampling and anti-aliasing filters. Convenient locking USB connection to PC. DEWESoft-DSA software provides on-line FFT, FRF, 3rd octave, order tracking, modal analysis, torsional vibration, human vibration, and much more. www.dewamerica.com

Flow Noise Simulation



RS #247
STS

New flow-noise module permits easy evaluation of aeroacoustic-generated noise, starting from a simple and cost-effective CFD RANS analysis. The module can be applied to predict duct-noise, whistle noise, fan noise, and is ideally applied in an industrial context and at the design stage due to its flexibility and the reduced computational resources required. www.sts-soft.com

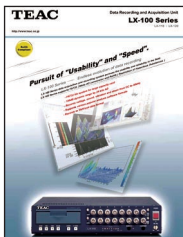
Accelerometer Calibration Systems



RS #238
SPEKTRA

Complete primary and secondary accelerometer calibration systems for measuring shock from 20 g to 200,000 g and Acceleration from 0.4 Hz to 50,000 Hz. Free technical data sheets on more than 12 types of calibration systems at www.spektra-usa.com.

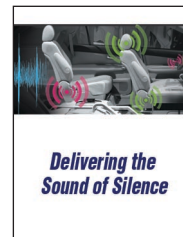
Dynamic Data Recorders



RS #243
Tritek / TEAC 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

SigQC Production Test System



RS #248
Signalysis

Signalysis Production Test Systems are turnkey solutions for NVH quality control testing. Sometimes the perceived quality of your product is measured by the noises it makes. That's why at Signalysis, we "deliver the sound of silence." Tel: 513.528.6164 X111 www.signalysis.com