

Dynamic Test/Analysis Products Buyer's Guide

This Buyer's Guide lists manufacturers and suppliers of products for dynamic testing, structural analysis and finite element analysis grouped into the following seven categories:

- Analyzers and Controllers
- Physical Testing Machines
- Simulators
- Software
- Structural Exciters and Accessories
- Test Fixtures and Accessories
- Transducers and Signal Conditioners

Each category contains a series of numbered classifications for specific product identification. Company identifications are listed in order of: name, address, telephone, FAX, e-mail address and web site address. This information is updated annually from questionnaires sent to known companies. To locate the dynamic testing product of interest, first refer to the main categories listed above then go to the detailed listings to locate manufacturers who offer that particular product. The numbers after each company listing indicate the products that they offer. Boldface listings are advertisers in this issue of S&V.

Analyzers and Controllers

1. Laser Vibrometers
2. Multi-Shaker Controllers
3. Noise Generator Control Systems
4. Single-Shaker Controllers
5. Shock Analysis Systems
6. Structural Analyzers

ANCO Engineers, Inc., 1965 A 33rd St., Boulder, CO 80301; 303.443.7580; 303.443.8034; anco@ancoengineers.com; www.ancoengineers.com - (2-6)

Aries Ingeniería y Sistemas, S.A., Paseo de a Castellana 130, Madrid, 28046, Spain; +349.157.02.737; +349.157.02.766; info@aries.com.es; www.ariesting.com - (2,4)

ATA Engineering, Inc., 13290 Evening Creek Drive S, Suite250, San Diego, CA 92128 858.480.2095; 858.792.8932; sales@ata-e.com; www.ata-e.com - (1,2,4,6)

Brüel & Kjær, 2815-A Colonnades Court, Norcross, GA 30071; 800.332.2040; 770.448.3246; bkinfo@bksv.com; www.bksv.com - (2-6)

Crystal Instruments, 2370 Owen St., Santa Clara, CA 95054; 408.986.8880; 408.834.7818; sales@go-ci.com; www.crystalinstruments.com - (2-6)

Data Physics Corp., 1741 Technology Dr., Suite 260, San Jose, CA 95110; 408.437.0100; sales@dataphysics.com; www.dataphysics.com - (2-6)

Dynamic Solutions, P.O. Box 7963, Northridge, CA 91327; 818.831.0832; 818.831.0842; sales@dynsolusa.com; www.dynsolusa.com - (4)

ETS Solutions, PO Box 1220, Bath, OH 44210; 520.603.1577; 330.666.6064; graham@etsolution.com; www.etsolution.com - (4)

GHI Systems, 916 N. Western Ave., Suite 201, San Pedro, CA 90732; 310.548.6544; 310.548.5749; ghi@ghisys.com; www.ghisys.com - (5)

Hanse Environmental Inc., 235 Hubbard St., Allegan, MI 49010; 269.673.8638; 269.673.8632; info@hanseenv.com; www.hanseenv.com - (4)

Lansmont Corporation, 17 Mandeville Ct., Monterey, CA 93940; 831.655.6600; 831.655.6606; sales@lansmont.com; www.lansmont.com - (4,5)

m+p international inc., 271 Grove Ave., Bldg. G, Verona, NJ 07044; 973.239.3005; 973.239.2858; sales@mpina.com; www.mphome.com - (2,4-6)

MB Dynamics Inc., 25865 Richmond Rd., Cleveland, OH 44146; 216.292.5850; 216.292.5614; rem@mbdynamics.com; www.mbdynamics.com - (2,4)

OROS, Inc., 502 Shaw Rd., B-101, Dulles, VA 20166; 888.200.6767; 703.478.3205; info@orosinc.com; www.oros.com - (1,6)

Polytec, Inc., 1342 Bell Ave., Suite 3-A, Tustin, CA 92780; 714.850.1835; 714.850.1831 info@polytec.com; www.polytec.com - (1,5,6)

Prodera, 32 Chemin Du Segala - Enclos D'esquerre, 31380 Villaries, France; +33 561 843 698; +33 561 841 791; www.prodera.com - (6)

Sentek Dynamics, Inc., 2370 Owen St., Santa Clara, CA 95054; 408.200.3100; 408.659.8229; sales@sentekdynamics.com; www.sentekdynamics.com - (2,4)

Siemens PLM Software, Researchpark Haasrode 1237-Interleuvenlaan 68, 3001 Leuven, Belgium; +32.16.384.350; +32.16.384.350; www.siemens.com/plm/lms - (2-6)

Spectral Dynamics, Inc., 2199 Zanker Rd, San Jose, CA 95131; 800.778.8755; 408.944.9403 sales@sd-star.com; www.spectraldynamics.com - (2-6)

Thermotron Industries, 291 Kollen Park Dr., Holland, MI 49423; 616.393.4580; 616.392.5643; info@thermotron.com; www.thermotron.com - (4,5)

Unholtz-Dickie Corp., 6 Brookside Dr., Wallingford, CT 06492; 860.265.3929; 860.265.2690; info@udco.com; www.udco.com - (4,5)

Vibration Research Corp., 1294 Chicago Drive, Jenison, MI 49428; 616.669.3028; vrsales@vibrationresearch.com; www.vibrationresearch.com - (2,4)

Vibration Test Systems, Inc., 10246 Clipper Cove, Aurora, OH 44202; 330.562.5729; 330.562.1186; vts1996@aol.com; www.vts2000.com - (4)

VTI Instruments Corp., 2031 Main St., Irvine, CA 92614; 949.955.1894; 949.955.3041; sales@vtiinstruments.com; www.vtiinstruments.com - (35,6)

Physical Testing Machines

1. Dynamic Fatigue
2. Dynamic Tension/Compression
3. Impact
4. Material Elasticity

ANCO Engineers, Inc., 1965 A 33rd St., Boulder, CO 80301; 303.443.7580; 303.443.8034; anco@ancoengineers.com; www.ancoengineers.com - (1-3)

Aries Ingeniería y Sistemas, S.A., Paseo de a Castellana 130, Madrid, 28046, Spain; +349.157.02.737; +349.157.02.766; info@aries.com.es; www.ariesting.com - (1-3)

Brüel & Kjær, 2815-A Colonnades Court, Norcross, GA 30071; 800.332.2040; 770.448.3246; bkinfo@bksv.com; www.bksv.com - (1,3,4)

Dynamic Solutions, P.O. Box 7963, Northridge, CA 91327; 818.831.0832; 818.831.0842; sales@dynsolusa.com; www.dynsolusa.com - (1,3)

ETS Solutions, PO Box 1220, Bath, OH 44210; 520.603.1577; 330.666.6064; graham@etsolution.com; www.etsolution.com - (1)

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MTS Systems Corp., 14000 Technology Dr., Eden Prairie, MN 55344; 800.328.2255; 952.937.4015; info@mts.com; www.mts.com - (1,2,4)

Qualmark Corp., 10390 East 48th Ave., Denver, CO 80238; 303.254.8800; 303.254.8343; support@qualmark.com; www.qualmark.com - (1,3)

Spectral Dynamics, Inc., 2199 Zanker Rd, San Jose, CA 95131; 800.778.8755; 408.944.9403 sales@sd-star.com; www.spectraldynamics.com - (2,3)

The Modal Shop, Inc., 3149 E. Kemper Rd., Cincinnati, OH 45241; 513.351.9919; 513.458.2172; sales@modalshop.com; www.modalshop.com - (3)

Thermotron Industries, 291 Kollen Park Dr., Holland, MI 49423; 616.393.4580; 616.392.5643; info@thermotron.com; www.thermotron.com - (1,3)

VTI Instruments Corp., 2031 Main St., Irvine, CA 92614; 949.955.1894; 949.955.3041; sales@vtiinstruments.com; www.vtiinstruments.com - (1-3)

Simulators

1. Motion
2. Seismic
3. Structural Loading
4. Transportation

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Unholtz-Dickie Corp., 6 Brookside Dr., Wallingford, CT 06492; 860.265.3929; 860.265.2690; info@udco.com; www.udco.com - (2,4)

Software

1. Curve Fitting
2. Design Optimization
3. Durability Analysis
4. Dynamic Simulation Modeling
5. Experimental Modal Analysis
6. Finite Element Analysis
7. Hybrid Experimental/Test Modeling
8. Modal Analysis
9. Numeric Computation & Visualization
10. Rotating Machinery Analysis
11. Shock Response Spectrum
12. Statistical Energy Analysis
13. Structural Dynamics Modification
14. Test/Analysis Correlation
15. Vibration Control

ANCO Engineers, Inc., 1965 A 33rd St., Boulder, CO 80301; 303.443.7580; 303.443.8034; anco@ancoengineers.com; www.ancoengineers.com - (1-15)

ANSYS, Inc., 275 Technology Dr., Southpointe, Canonsburg, PA 15317; 724.514.2851; 724.514.3115; info@ansys.com; www.ansys.com - (6)

ATA Engineering, Inc., 13290 Evening Creek Drive S, Suite250, San Diego, CA 92128 858.480.2095; 858.792.8932; sales@ata-e.com; www.ata-e.com - (1-15)

Brüel & Kjær, 2815-A Colonnades Court, Norcross, GA 30071; 800.332.2040; 770.448.3246; bkinfo@bksv.com; www.bksv.com - (1-5, 8, 10-15)

Cambridge Collaborative, Inc., 47 Lowell Rd., Cambridge, MA 01742 617.876.5777; info@ccinc.com; www.seam.com - (2,9,12)

Comsol, Inc., 8 New England Executive Park, Burlington, MA 01803; 781.273.3322; 781.273.6606; info@comsol.com; www.comsol.com - (6,9)

Crystal Instruments, 2370 Owen St., Santa Clara, CA 95054; 408.986.8880; 408.834.7818; sales@go-ci.com; www.crystalinstruments.com - (5, 8, 10-13, 15)

Data Physics Corp., 1741 Technology Dr., Suite 260, San Jose, CA 95110; 408.437.0100; sales@dataphysics.com; www.dataphysics.com - (5, 10, 11, 13, 14)

Dewetron, Inc., 10 High St., Suite K, Wakefield, RI 02879; 401.284.3750; 401.284.3755; sales@dewamerica.com; www.dewamerica.com - (11)

Dynamic Design Solutions, Interleuvenlaan 64, B-3001 Leuven, Belgium; +32 16 40 23 00; +32 16 40 24 00; info@femtools.com; www.femtools.com - (1,2,4,9,13,14)

Dynamic Solutions, P.O. Box 7963, Northridge, CA 91327; 818.831.0832; 818.831.0842; sales@dynsolusa.com; www.dynsolusa.com - (15)

ETS Solutions, PO Box 1220, Bath, OH 44210; 520.603.1577; 330.666.6064; graham@etsolution.com; www.etsolution.com - (3,11,15)

GHI Systems, 916 N. Western Ave., Suite 201, San Pedro, CA 90732; 310.548.6544; 310.548.5749; ghi@ghisys.com; www.ghisys.com - (11)

Hanse Environmental Inc., 235 Hubbard St., Allegan, MI 49010; 269.673.8638; 269.673.8632; info@hanseenv.com; www.hanseenv.com - (11, 13, 14)

HBM-nCode, 26555 Evergreen Rd., Suite 700, Southfield, MI 48076; 248.350.8300; 248.350.1678; ncode@hbm.com; www.hbm.com/ncode - (1,3,6,8,10)

Kistler Instrument Corporation, 30280 Hudson Drive, Novi, MI 48377; 888.547.8537 716.691.5226; sales.us@kistler.com; www.kistler.com - (1-5, 8, 13-15)

PCB Piezotronics Inc., 3425 Walden Ave., Depew, NY 14043; 716.684.0001; 716.684.0987; info@pcb.com; www.pcb.com – (1-6)

Precision Filters, Inc., 240 Cherry St., Ithaca, NY 14850; 607.277.3550; 607.277.4466 sales@pfinc.com; www.pfinc.com – (5)

Prodera, 32 Chemin Du Segala – Enclos D'esquerre, 31380 Villaries, France; +33 561 843 698; +33 561 841 791; www.prodera.com – (1,5)

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Unholtz-Dickie Corp., 6 Brookside Dr., Wallingford, CT 06492; 860.265.3929; 860.265.2690; info@udco.com; www.udco.com – (1,5)