

dynamic solutions

Jul-03

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"I was impressed by the rugged construction and very neat wiring within the power amplifier..."

*-Wayne Tustin,
Pres., E.R.I.*

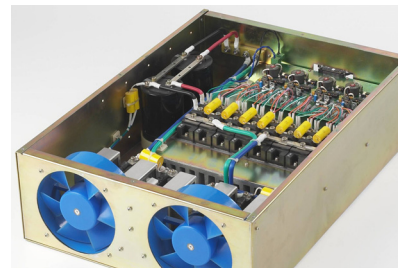
**MORE THAN JUST
RELIABLE &
AFFORDABLE
SHAKER SYSTEMS**
we also offer:

- **START-UP ASSISTANCE**
- **TRAINING**
- **FIELD SERVICE**
- **CONSULTING**

REPLACEMENT AMPLIFIERS to the RESCUE...



When it is time to replace your existing power amplifier, no one offers a better or more cost effective solution than DYNAMIC SOLUTIONS. Our 100% air-cooled state-of-the-art amplifiers utilize the finest name brand components, Insulated Gate Bipolar Transistor (IGBT) technology and are built in strict compliance with ISO standards. Moreover, our amplifiers are backed by our signature THREE-YEAR PARTS warranty - with spare modules and parts available off-the-shelf from our California warehouse.



DYNAMIC SOLUTIONS SA Switching Amplifiers are built tough to provide years of trouble free operation with a MTBF calculated at an amazing 10,000 hours. Our amplifiers can be built to meet the current and voltage requirements of shakers from ALL leading manufacturers – many times without needing a matching transformer and often resulting in improved efficiency and better overall system performance.

SA amps have successfully been mated with BOTH high performance induct-a-ring shakers and traditional conductive style shakers. Why wait? Call us today for a FREE no obligation quotation to update your shaker system.

WE TEACH YOU WHAT THEY DON'T...

Want to know how the Test Lab you have been sending your test articles to does it? We can tell you! DYNAMIC SOLUTIONS was founded by individuals whom have decades of hands-on lab experience. We know and can teach you the tricks used by professional labs that can save you time and money. We provide all levels of training – from basic hands on to advanced classroom environments. And, every program is custom tailored to the specific experience levels of your staff and the unique demands of your test lab.



We understand when your system is down, your department is down!

That is why our support team is ready to support your team when you need us most!

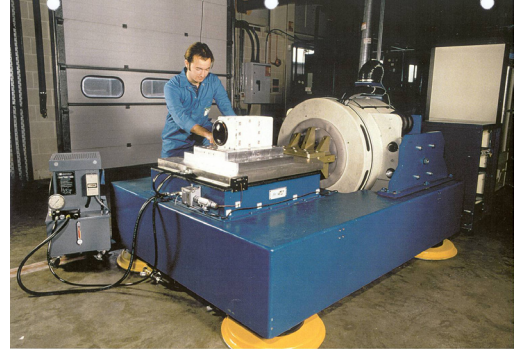
"The impact of China on this country in the next 5 years, or 10 years, is going to make the Japanese of the late 70s and early 80s look like a water pistol."

Jack Welch,
Ex-CEO,
General Electric

FRIENDLY, FAST SERVICE

And not just for DS shakers... Did you know that Dynamic Solutions provides maintenance and repair field services on most makes and models of electro-dynamic vibration equipment? We work with some of the best and most experienced technicians in the industry to guarantee that you are back up and

running in the shortest time possible. Our technicians have experience working on Unholtz-Dickie, Ling Electronics, MB and LDS systems and can even supply spare parts in some cases. Next time you have a system down, give us a call toll-free at 877-767-7077 and let us add your name to our growing list of satisfied customers!



WE'RE PUTTING OUR GLOBAL ECONOMY TO WORK FOR YOU...



DYNAMIC SOLUTIONS puts our global economy to work for you by capitalizing on the strengths of different countries to deliver shaker systems that utilize the best the world has to offer. This is how our shaker systems can combine state-of-the-art technology and rugged designs with the highest quality and safety standards and **still remain surprisingly affordable.**

China's vast industrial machine is churning out quality mobile phones, television sets, computers and cars at a phenomenal rate. And, it is also manufacturing excellent environmental test equipment. Our newly opened ISO9001 certified manufacturing facility in Shanghai was specifically designed to efficiently produce electro-dynamic vibration systems in accordance with strict quality guidelines. The new factory provides increased throughput potential and demonstrates a commitment to supporting DYNAMIC SOLUTIONS marketing efforts in North America.



All DYNAMIC SOLUTIONS vibration systems are locally supported here in the continental U.S.

using domestically stocked spare parts and knowledgeable, easy to talk to support personnel who can provide rapid response to your inquiry -- usually in 48 hours or LESS!

DYNAMIC SOLUTIONS brings you **the best of our global economy** with quality **Japanese** components and technology, cost effective **Chinese** manufacturing and experienced and professional **American** sales, support and service. And our systems are built so tough that DYNAMIC SOLUTIONS can offer the only **THREE YEARS PARTS WARRANTY** in the WORLD!

DMA-STYLE REPLACEMENT MODULES

DYNAMIC SOLUTIONS is now a reliable source for competitively priced DMA-style 6 kva (PM6) and 10 kva (PM10) replacement power modules for MOSFET style amplifiers. Modules now available from local inventory. Fast deliveries. Quantity discounts available on orders for 6 or more modules.



WHY DYNAMIC SOLUTIONS?

When deciding to purchase a vibration system, you are deciding to make a large investment in an important resource. You need to be cognizant of the performance of the system, the quality standards of the manufacturer, the price (and hidden expenses) and the people who will support you. We believe that if you carefully consider these factors, you will know why more customers are selecting Dynamic Solutions Shaker Systems everyday!

Dynamic Solutions shaker systems are designed and produced to provide YEARS of problem free operation. This is why we are the only shaker in the world to offer a THREE-YEAR PARTS warranty! No pro-rating, no exclusions of armatures or field coils – that is a FULL 3 YEARS PARTS on your complete Dynamic Solutions shaker system because they really ARE that GOOD!

Our systems are built using a proprietary process that results in a high fundamental armature frequency – often exceeding competitor’s specifications by as much as 400 Hz!! Dynamic Solutions shakers use a pneumatic load support system that provides equal or greater load support than our competitors – on some models exceeding their specifications by as much as 20%! Our suspension system and armature stiffness are excellent – resulting in excellent guidance and superior uniformity of motion. The Dynamic Solutions amplifiers are elegant and efficient in their IGBT design and robust in construction, using the best name brand components available. And, all of our shakers are designed, tested and certified to meet the requirements of all the major International Safety Agencies including CE, UL and CSA. As a matter of fact, *the only thing cheap about a Dynamic Solutions shaker system is the price!*

And, not only are our systems competitively priced, if you order a system this summer we will give you a copy of The Equipment Reliability Institute’s reference edition CD-Rom “Fundamentals of Shock and Vibration” by renowned dynamics expert, Wayne Tustin (approx. \$1,000.00 value) **absolutely FREE!!**

That’s because at Dynamic Solutions we believe that an educated customer is our best customer. So, when you are ready to buy a shaker, don’t be swayed by rumors and here say. Consider the facts. Because the fact is that Dynamic Solutions provides the best shaker value in today’s market – bar none. Performance, Quality, Reliability, Warranty, Price and unyielding customer service. Guaranteed.

“Why Dynamic Solutions?” you ask. Why would you buy anything else?

www.dynsolusa.com

DEPENDABLE

RELIABLE

AFFORDABLE



SEE US ON THE
COVER
OF THE JUNE/JULY
2003 ISSUE OF
"TEST
ENGINEERING &
MANAGEMENT
MAGAZINE"

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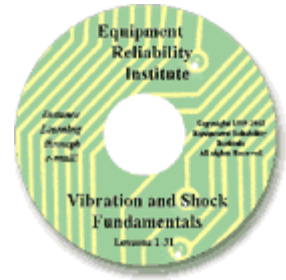
Sales/Marketing Office:
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FX: 818-831-0832
FREE: 877-767-7077

Technical Support:
PH: 909-278-2569
FX: 909-278-8527

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www.dynsolusa.com

FREE CD-ROM!!!

ERI is a specialized engineering school that focuses on the reliability and durability of equipment ranging from aircraft to automobiles to telecom systems to satellites. Equipment Reliability Institute's highly acclaimed reference edition CD-Rom, "Fundamentals of Shock and Vibration" contains thousands of Power Point slides and a number of images and video clips that teach you about vibration and shock basics, control, instrumentation, calibration, analysis and testing. And now, when you order a system from Dynamic Solutions, we will send you a copy of this important learning tool absolutely free (a \$1,000.00 value!). But hurry, this promotion is available for a limited time only.



Visit a Dynamic Solutions "Demo Center"

We understand that when something sounds this good, sometimes you just have to see it to believe it. That is why Dynamic Solutions is establishing "Demo Centers" at independent labs across the country. These labs have selected Dynamic Solutions shaker systems for their facilities and have agreed to allow our potential customers to come by for a product demonstration. Sites have already been established in the Pacific Northwest and Midwest with several others now in the works. If you would like to schedule a demo, please call Aimme Hagler at our Sales and Marketing office, toll-free at 877-767-7077 today.

DYNAMIC SOLUTIONS – USED EQUIPMENT SALES

Dynamic Solutions is also an excellent source for reconditioned electro-dynamic vibration systems. Our inventory consists of carefully selected, top quality vibration systems that have been methodically and thoroughly reconditioned, tested and painted to insure your purchase is free of regret!

Hybrid Systems offer tremendous VALUE!

Dynamic Solutions also can supply hybrid systems consisting of previously owned reconditioned shakers – sometimes modified to 2" peak-to-peak stroke – with brand new Dynamic Solutions SA Power Amplifiers. This economical, reliable solution puts dependable test capability in your lab for a fraction of the cost of new and still affords you the improved efficiency and smaller footprint of modern amplifier technology.

TURNKEY!

And, in addition to top quality reconditioned shaker systems, Dynamic Solutions is also the premier source for AGREE chambers and used vibration controllers, in addition to HALT/HAST systems, thermal shock chambers and other equipment that you may need for your lab. Give us a call and see how much time and worry you can save on a package purchase!

www.dynsolusa.com