

# **BARTZ TECHNOLOGY CORPORATION**

4187 Carpinteria Ave, Unit #7 Carpinteria CA 93013 Tel: 805-684-5102 Fax: -5220 Email:  
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## **APPLICATIONS FOR VIBRATION SYSTEMS**

Controlled Vibration's permanent magnet electrodynamic shakers and vibration platforms are designed for general purpose vibration applications. Our shakers are typically part of the vibration test equipment used in educational, research and laboratory environments.

Our vibration systems are designed to be modular and portable for extreme flexibility. Stack shakers for increased stroke or place shakers side by side for increased surface area and force output.

Play test signals from your MP3 player, personal computer, function generator or vibration controller and create incredibly accurate motion and vibration with any frequency, amplitude or combination of frequencies.

Our vibratory products are designed to solve your problems right out of the box. No need to spend time sourcing head expanders or designing and fabricating load support fixtures and platforms. No need to hunt down mounting hardware or wires. Just supply your own analog vibration signal, bolt or clamp down your test item and get started.

## **VIBRATION TESTING & SIMULATION PRODUCTS**

### **EDP Series Vibration Platforms**



EDP Vibration Platforms are great for larger payloads. The large top surface allows large items or multiple small items to be easily secured and vibrated with amazing uniformity. The platforms can be used to vibrate in the vertical direction as well as roll and pitch. Vibration platforms come in sizes ranging From 12 inches.sq. to 36 X 24 inches.

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## **ED Series Electrodynamic Benchtop Shakers**



Our patented low profile shaker design integrates the load support stabilizing hardware with permanent magnet electrodynamic shaker technology to provide unmatched cost savings and ease of use. The ED series shakers are prepared to handle everything from small desktop vibration tests to serious production work. Benchtop shakers come in 3 lb., 10 lb., 20 lb.

## **EDH Series Heavy Load Shakers**

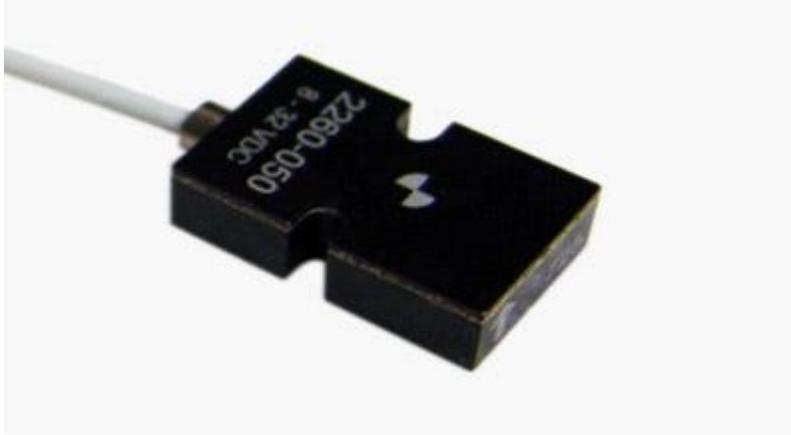
EDH series heavy load shakers are great for moving and vibrating furniture, subfloors and large machines. They can be used for virtual reality, entertainment, whole body vibration (WBV health and fitness) and a wide range of seismic testing.

4" x 4" supporting surface (head) designed for 100 lb nominal load (40 lb to 150 lb load)  
These come in 3 different models with 3 different mounting options.

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## Vibration Recording, Measuring and Monitoring



CV Accelerometers can be used to measure and record real-world vibration. These recordings can be used in conjunction with our vibration platforms or benchtop shakers to recreate motion and vibration in the comfort of your laboratory. Our accelerometers can also be used to verify and control the vibration output of our shakers.

Please contact us for pricing and any special applications you may have.