

Vibration Fixtures

Designed for Accuracy & Stability

Automotive & Aerospace:

Resonance-free testing for mounts, avionics, and battery packs.

Defense & Military:

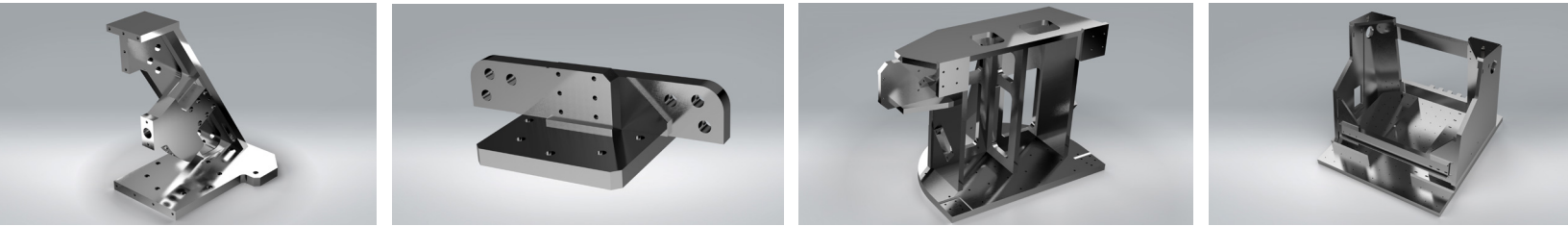
Shock and vibration testing for mission-critical systems.

Industrial & Electronics:

Accurate testing free from fixture-induced errors.



Engineered to eliminate unintended vibrations, ensuring clean and repeatable results.



Advantages of eMpulse Vibration Fixtures

Resonance-Free Design for Accurate Test Results

Engineered to eliminate unwanted frequencies and fixture flex.

Custom and Standard Solutions

From off-the-shelf designs to fully customized fixtures, we meet the exact needs of your testing requirements.

Built for Mission Critical Testing

Supporting automotive, aerospace, defense, and industrial applications where reliability is essential.

Optimized Material Selection

Using aluminum, magnesium, and high-dampening alloys to minimize fixture influence on test articles.

Advanced Coating and Surface Treatments

We offer specialized coatings to enhance fixture durability and performance under extreme conditions, including anodizing for corrosion resistance, thermal barriers for temperature stability, and vibration-dampening treatments to minimize energy transfer.

Solutions

Head Expanders & Plates

Magnesium components for horizontal or vertical testing—universal mounting with structural integrity.

Slip Tables & Guidance

Stable horizontal interfaces with cross-axis restraint for precise motion and shaker protection.

Custom Fixtures

Tailored solutions backed by in-house FEA to meet demanding test requirements.

eMpulse Test Systems

+1 616-239-1511

info@empulsetestsystems.com

<https://empulsetestsystems.com>