AS9100 / ISO9001 Certified

Services

Vibration Testing Services

MTI-Milliren Technologies, Inc. is capable of providing vibration testing services for evaluation of device survivability in conditions such as military, operational, endurance or transportation requirements. The technical staff at MTI has extensive experience in this area and are ready and willing to assist with your needs. We are the vibration professionals!

Vibration and Shock Capabilities

Random
Sinusoidal
Shock (Half Sine, Sawtooth, Square Wave)
Sine Sweep Resonance Search and Dwell

Typical Test Applications

Spaceflight
Airborne
Shipboard
Ground Transport

Measurement Capabilities

Phase Noise
Frequency Stability
Mechanical Transfer Functions
Vibration Magnitude and Phase Response
Electrical Parameters

Equipment and Capabilities

Thermotron DS 640
Force Output: 6,000 lbf Sine, 6,000 lbf Random, 10,000 lbf
Shock, 3 axis vibration
Displacement: 2 inch peak-peak
Velocity: 45 inch/sec
Acceleration: 60g's Peak Sine, 60g's RMS Random
Frequency Range: 5-2,000Hz
Head Diameter: 24 inch

Other Services Available

Professional Consultation
Test Fixture Design and Fabrication
Detailed Report Generation
Certificate of Calibration
Customer Design Consultation

Military Standards Referenced

MIL-STD-202 Test Method Standard Electronic and Electrical Component Parts
MIL-STD-810 Environmental Engineering Considerations and Laboratory Tests
MIL-STD-883 Test Method Standard Microcircuits

Pricing for Services

Please consult factory for pricing.

Measurement capabilities are priced separately
Custom test fixture design and fabrication will be priced on an individual basis.