



VTM-100

Vibration Test Machine

The VTM-100 is a heavy-duty vibration test machine. This device has precise, simple adjustments of force and tension, along with motor speed control to allow for the testing of many different components for possible mechanical failures due to vibrations.

COMMITTED TO INNOVATION

AS A GLOBAL LEADER IN OUR FIELD, WE OFFER A VARIETY OF COST-EFFECTIVE, SCALABLE SOLUTIONS FOR PHOTOMETRIC AND ENVIRONMENTAL TESTING ACROSS A RANGE OF COMMERCIAL LIGHT TESTING INDUSTRIES. WE STRIVE TO BE AN INDUSTRY VOICE FOR MODERNIZATION AND IMPROVED STANDARDIZATION.

CERTIFICATIONS & MEMBERSHIPS

- IEC/ISO-17025 Certified
- GTB Delegate - Automotive Lighting & Light Signaling Expert Group (EU)
- SAE Automotive Lighting Committee
- SAE Aerospace G20 & A20 Committee
- SPIE - International Society of Optical Engineering
- IEEE - Institute for Electrical & Electronics Engineers
- IESNA - Illuminating Engineering Society of North America
- ANSI - FL1 - Flashlight Standards Committee



CE compliant availability

CE compliant availability with sound dampening enclosure.

ISO 17025 ACCREDITED TESTING LAB

A GLOBAL LEADER
IN LIGHT MEASUREMENT TECHNOLOGIES.



We design and manufacture **highly customized** photometric testing equipment and **software** for our customers.

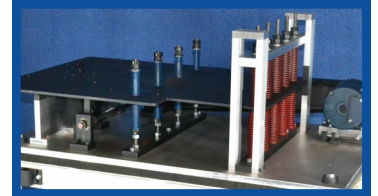
- GONIOPHOTOMETERS
- PHOTOMETERS
- CAMERA-BASED PHOTOMETRY
- SPECTORADIOMETERS
- VIBRATION TEST MACHINES
- INTEGRATING SPHERE
- CUSTOM EQUIPMENT
- SOFTWARE

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MEASUREMENT CAPABILITIES



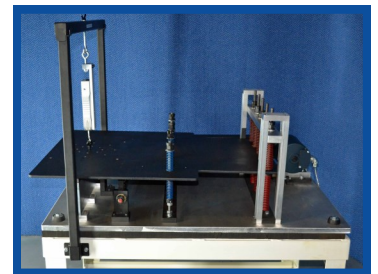
- Follows SAE or FMVSS108 for vibration testing—Customer to determine regulation equipment designed to follow (Cam profiles are different)
- Fully capable of other custom testing needs



SPECIFICATIONS



- Cams conform to SAE or FMVSS108 requirement—Customer to determine conforming spec
- 1.5' Deep x 2.16' W fixture mounting surface
- Adjustable digital AC motor speed controller
- Serviceable anvils, hammers, cam, and followers
- Fully adjustable impact force with long-term stability without adjustment
- Force gauge holder with removable frame / RPM gauge
- Shock-absorbing base to frame interface with isolating feet for quieter operation
- Compact Size: 3'W x 4'Deep x 5' Tall
- Optional CE compliant Safety Device Enclosure available
- Standard or Customer fixture mounting holes available in the mounting surface
- External Controller with 10' cord that can be mounted to the wall
- Table options of Metric or Imperial mounting holes



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