



OUR EQUIPMENT. YOUR SUCCESS.

# VIBRATION TESTING



L.A.B. Equipment, Inc.'s, VibraTest™ Series of mechanical shakers, with a frequency range of 8-60 Hz, provides a low-cost valued approach for testing electronic products and components. AMC+ (Advance Machine Control) comes standard with our VibraTest™ Series, this feature expands the capabilities of the machine even further.

## TEST WITH CONFIDENCE

Our VibraTest™ Series of mechanical vibration systems meet AGREE, ASTM, MIL STD, ISO, SAE, and other internationally and industrially recognized standards. We offer a wide variety of standard table sizes and capacities.

## VIBRATEST™ SERIES

- Mechanical vibration machine which is capable of performing vertical or horizontal sinusoidal tests
- Test Frequency is infinitely adjustable between 8 and 60 Hz under operation
- Available in two different configurations: 3.2G, or 10G maximum
- Advanced design pneumatic system provides low frequency isolation and payload stability that is superior to spring systems
- Vibratory displacement is manually adjustable when the machine is not operating
- This station has an E-Stop as well as power light. Speed control is built into the software
- Standard utility requirements 220VAC 50/60 Hz and 70 psi air for suspension adjustments (low volume of air required only during suspension adjustments, air is not required to operate the machine)

**Great for  
Battery Testing!**



VIBRATEST™ SERIES VIBRATEST

## VIBRATEST-SERIES™ OPTIONS

- Insulated Table Top
- V groove casters for use with track (rubber casters are standard)
- Integration with Temperature Chambers for AGREE Testing
- Track for use in an AGREE system
- Guide tracks for Chamber
- Diaphragm/Chamber Integration Brackets
- Stainless Steel Containment Pan
- Non Standard Voltage
- Horizontal Vibration Available
- CE Compliance

## ADVANCED MACHINE CONTROL FEATURES



- Windows 8™ Control System
- Auto-Liner Cycling Function
- Over G Interlock Limits
- Acceleration Display (G)
- Remote Interlock Start/Stop Function (For External Chamber)
- Run Duration Timer with Auto Stop Function
- Feedback Accelerometer



## MECHANICAL VIBRATION MACHINE



Machine Type	Metric	English	Metric	English	Metric	English	Metric	English	Metric	English
Machine Type	VibraTest 24		VibraTest 30		VibraTest 36		VibraTest 48		VibraTest 48 x 66	
Maximum Payload	91 kg	200 lbs	136 kg	300 lbs	227 kg	500 lbs	454 kg	1,000 lbs	680 kg	1,500 lbs
Displacement	1.3 mm	0.05 in	2.2 mm	0.09 in	2.2 mm	0.09 in	1.8 mm	0.07 in	1.8 mm	0.07 in
Frequency Range	Between 8 & 60 Hz (Under Operation)									
Maximum Acceleration	3.2 G or 10G Maximum									
Table Size	610x610 mm	24" x 24"	762x762 mm	30" x 30"	914x914 mm	36" x 36"	1219x1219 mm	48" x 48"	1219x1676 mm	48" x 66"
Motion	VibraTest Series performs VERTICAL or HORIZONTAL motion									
Mounting Hole Size/Spacing	M6 x 1.5-100 mm	1/4" x .06-3.9"	M6 x 1.5-125 mm	1/4" x .06-4.9"	M10 x 1.5-150 mm	3/8" x .06-5.9"	M10 x 1.5-150 mm	3/8" x .06-5.9"	M10 x 1.5-150 mm	3/8" x .06-5.9"
Applicable Standards	AGREE, ASTM, ISO, SAE and other internationally and industrially recognized standards									

Please consult L.A.B. Equipment, Inc., for non-standard specifications

Due to our continuous commitment to product development, the above specifications and features may be modified without notice.

