

V-SERIES TRANSPORTATION SIMULATOR

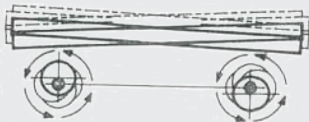
L.A.B. Equipment, Inc.'s, Transportation Simulators are used to determine the ability of packages and products to withstand shock and vibration encountered during the following course of typical handling and transportation: In-plant handling and warehousing, shipping, distribution warehousing, and final shipping.

METHOD OF MOTION

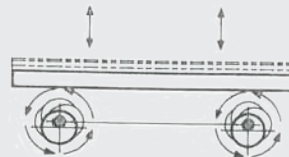
Rotary or Circular Synchronous Motion



Non-Synchronous Motion (N/S)



Vertical Linear Motion (V/L)



V-SERIES FEATURES

- Adjustable frequency
- Fixed displacement
- Accommodates large and small packages
- Easy installation and low maintenance
- Frequency: 2 - 5 Hz (120 - 300 rpm)
- Fixed Displacement: 1" (25 mm)
- Maximum Acceleration of 1.25g
- Each system comes standard with containment fencing sufficient for loose load transportation simulation with low front lip for easy loading





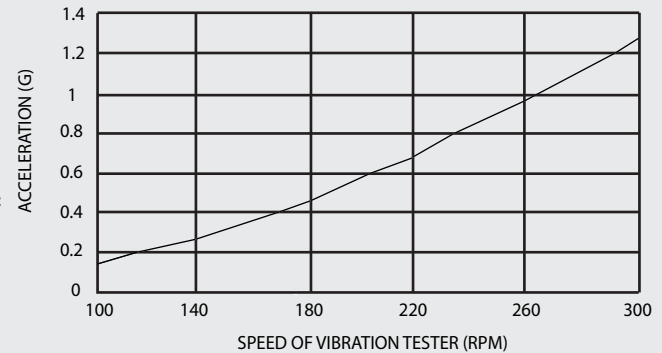
- User friendly controls
- Built in timer and safety functions
- Pedestal mounted for versatile orientation



The proper selection and installation of the V-Series can make the difference between a satisfactory installation and a troublesome one. These machines rarely warrant a special foundation. In most cases it is best to bolt the machine to a suitable factory floor. If it is found that an excessive amount of vibration energy is transmitted through the foundation, an isolation mass can usually be constructed quickly or some additional isolation may be required to minimize the issues that could be present. Please contact us for any any questions you may have as well as additional details you may require.

L.A.B. ROTARY VIBRATION TESTER FIXED AT 1" DISPLACEMENT

Speed versus Acceleration "G" graph



Model	V100	V250	V400	V1250	V2000	V4000	V6000	V8000
Payload Capacity	100 lbs (45 kg)	250 lbs (113 kg)	400 lbs (181 kg)	1250 lbs (567 kg)	2000 lbs (907 kg)	4000 lbs (1814 kg)	6000 lbs (2722 kg)	6000 lbs (2722 kg)
Table Size (W x L)	24" x 28" (610 mm x 710 mm)	36" x 42" (910 mm x 1070 mm)	48" x 48" (1220 mm x 1220 mm)	60" x 60" (1520 mm x 1520 mm)				
Table Height*	14" (360 mm)	17" (430 mm)	19" (480 mm)	22" (560 mm)	22" (560 mm)	23" (580 mm)	26" (660 mm)	28" (710 mm)
Max Acceleration	1.25 G							
Frequency Range	2 - 5 Hz (120 - 300 rpm)							
Displacement	1" (25 mm) Fixed							
Rotary Motion	Standard. No option available			Standard. Optional Vertical Linear and/or Non-Synchronous available				
Utility Requirements	115VAC/1P/60Hz	230VAC/1P/60Hz	230VAC/1P/60Hz	460VAC/3P/60Hz				
Applicable Standards	ISTA, ASTM-D999, ISO-2247, MIL STD-810G, and other internationally and industrially recognized standards							

* Table Height is approximate. If this dimension is critical, please contact the factory.

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

