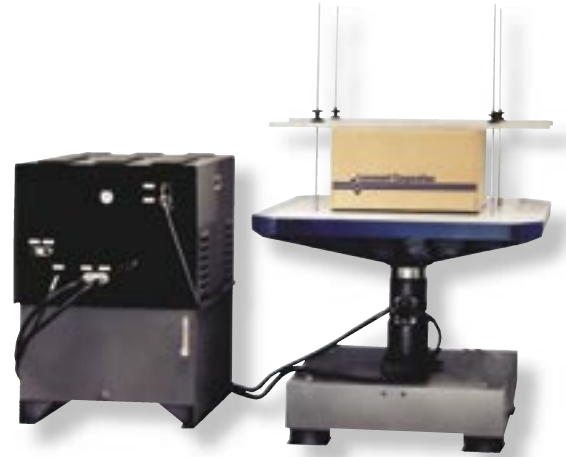


1800-5 Vibration Test System

Lansmont's Model 1800-5 Vibration Test System was designed to meet the demands of a wide range of testing applications. From small products to pallet loads, the 1800-5 can be configured to handle them all. The 1800-5 features a rugged hydraulic actuator designed specifically for today's testing profiles, a reliable hydraulic power supply, and Lansmont's extremely popular TouchTest vibration control system. Let Lansmont help you configure a Model 1800-5 vibration test system that will meet your demands today!



1800-5 Features:

- Extremely versatile, the 1800-5 can be configured with table sizes from 33 in. square (84 cm) to 60 in. square (152 cm) and handle payloads up to 2,400 lbs. (1,089 kg).
- Windows™ based vibration control system, including Lansmont's extremely powerful TouchTest Vibration software.
- Random vibration, swept-sine vibration, resonance search and dwell, repetitive bounce and powerful user-defined profiles all included.
- Fully integrated pump and servo controls, all designed and manufactured by the Lansmont Corporation.
- Field-to-Lab™ ready. Simple transfer of data from your Lansmont SAVER™ to your vibration controller for real-world random vibration tests.
- Full range of applications training programs available.
- Worldwide Customer Service department.



Vibration Testing Benefits:

- Identify design and production defects.
- Increase product ruggedness.
- Reduce packaging costs.
- Eliminate shipping damage.

1800-5 Vibration Test System

TECHNICAL SPECIFICATIONS

PHYSICAL	
Table Sizes	33.5 in. (85 cm) – 60 in. (152 cm)
Seismic Base Options	5,000 lbs. (2,268 kg) – 8,000 lbs. (3,629 kg)
PERFORMANCE	
Load Capacity, Maximum	1,300 lbs. (590 kg)
Load Capacity, Maximum (with optional 1-G Supports)	2,400 lbs.(1,089 kg) *(See Plant Air)
Maximum Stroke (Peak-To-Peak)	2.5 In. (6.4 cm)
Frequency Range	3 – 300 Hz
Actuator Stall Force at 3,000 psi (207 bar)	4,566 lbs. (20 kN)
HYDRAULIC POWER SUPPLY	
Voltage	200 – 460 VAC
Frequency	50 – 60 Hz
Phase	Three Phase
HPS Motor Rating	20 HP
POWER REQUIREMENTS, CONTROL	
Voltage	100 – 220 VAC
Frequency	50 – 60 Hz
Phase	Single Phase
ENVIRONMENTAL	
Cooling Water	60 Degrees at 6 Gal/Min for Models 1800-5 – 10000 (15.5 Degrees C at 22.7 L/Min, for Models 1800-5 – 10000)
Plant Air (*)	100 psi (6.9 bar) for all Vibration Machines utilizing the 1-G Support option.

TouchTest Vibration Controls:

- Available in either Bench-Top or Full "System Station" Configurations. Both Options have identical functionality; the System Station offers a convenient, stylish enclosure for controls.
- Extremely powerful, Windows™ based software.
- Reliable, fully-integrated pump/servo controls.
- Intuitive interface and full-featured help files make machine operation simple.
- Quick, easy data upload from Lansmont field data recorders makes Field-to-Lab™ simulations a snap.
- Easy sharing of data via e-mail, internet, and export to other popular programs such as Word™ and Excel™.



Lansmont
Corporation