

1000 Vibration Tester



The Model 1000 Vibration Test System is designed to test small and lightweight objects and can perform a wide range of testing specifications. Both sinusoidal vibration tests and random vibration tests are possible for product and package testing. The Model 1000 performs testing per ASTM, ISTA, ISO and other common industry test specifications.

For testing small products or packages, the Model 1000 might be the vibration system best suited to your needs. Each vibration system features a table sized to the application, a rugged hydraulic actuator, a reliable hydraulic power supply, and Lansmont's TouchTest Vibration Control System.

Performance specifications

- » Frequency range
 - » Standard Performance: 1 - 300Hz
 - » High Performance: 1 - 500Hz
- » Maximum stroke options(Peak-to-Peak)
 - » Standard Performance:
2,5in(6,4cm) - 4 in. (10,2cm) - 6 in. (15,2cm)
 - » High Performance:
2,5in (6,4cm) - 4 in.(10,2cm)
- » Actuator Stall Force(at 3000psi (207bar))
 - » Standard Performance: 1225lbs (5,4kN)
 - » High Performance: 1225lbs (5,4kN)
- » Actuator Dynamic Force(at 3000psi (207bar))
 - » Standard Performance: 816lbs (3,6 kN)
 - » High Performance: 816lbs (3,6 kN)

Physical specifications

- » Table sizes:
5.8 in. (40 cm) square - 25.6 in. (65 cm) square - 33.5 in. (85 cm) square
- » Standard Hole Patterns:
6 in. grid, 3/8-16 Stainless Steel inserts
15 cm grid, M10 x 1.5 Stainless Steel inserts

Power requirements

- » Voltage
System: 115 – 230 VAC, 230 – 460 VAC
Controls: 100 – 230 VAC
- » Frequency
System: 115 – 230 VAC, 230 – 460 VAC
- » Controls: 100 – 230 VAC
- » Phase
System: Single (115 – 230 VAC) or Three (230 – 460 VAC)
Controls: Single Phase

Physical specifications

- » Cooling water The Model 1000 HPS has a built-in cooling fan and does not require cooling water.
- » Plant Air The Model 1000 does not require plant air.

System drawing

- » Side view

