





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	Standard Performance	High Performance
Frequency Range	1 – 300 Hz.	1 – 500 Hz.
Maximum Stroke Options (peak-to-peak)	2.5 in. (6.4 cm) 4 in. (10.2 cm)	2.5 in. (6.4 cm) 4 in. (10.2 cm)
Actuator Stall Force (at 3000 psi (207 bar))	1225 lbs. (5.4 kN)	1225 lbs. (5.4 kN)
Actuator Dynamic Force (at 3000 psi (207 bar))	816 lbs. (3.6kN)	816 lbs. (3.6 kN)





# **SPECIFICATIONS**

**PHYSICAL** 

**Table Sizes** 15.8 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**

	System	Controls
Voltage	115 – 230 VAC, 230 – 460 VAC	100 – 230 VAC
Frequency	50, 60 Hz.	50, 60 Hz.
Phase	Single (115 – 230 VAC) Three (230 – 460 VAC)	Single Phase

### **FACILITY REQUIREMENTS**

**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**

