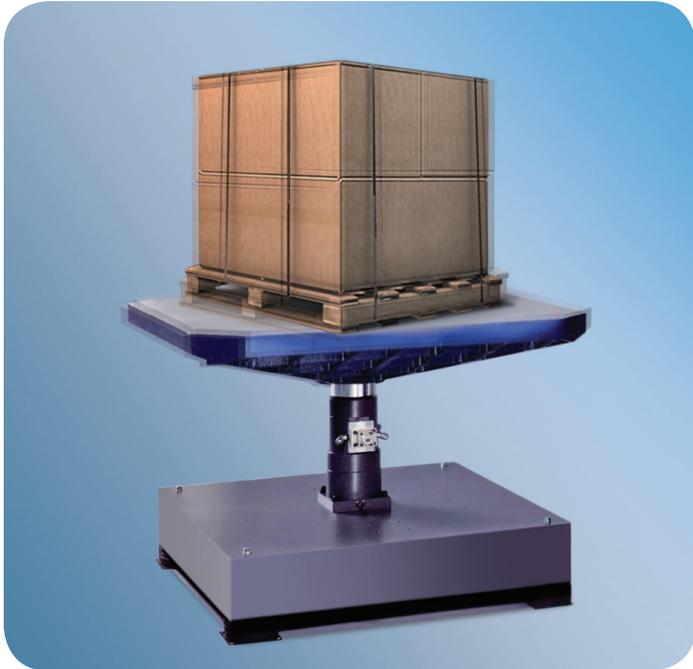




# 1800 Vibration Tester



The Model 1800 Vibration Test System will perform a wide range of testing applications. The system runs resonance search and fixed-frequency dwell tests for product evaluation. Additionally, the 1800 is used for distribution simulation, referencing ASTM, ISTA, ISO and other common industry test specifications, as well as test profiles created from SAVER™ environmental data.

For testing small products to light pallet loads, Lansmont will configure a Model 1800 that will meet 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

### High Performance

### Maximum Stroke Options (peak-to-peak)

### Actuator Stall Force (at 3000 psi (207 bar))

### Actuator Dynamic Force (at 3000 psi (207 bar))

1 – 300 Hz.

1 – 500 Hz.

2.5 in. (6.4 cm)

2.5 in. (6.4 cm)

4 in. (10.2 cm)

4 in. (10.2 cm)

6 in. (15.2 cm)

4566 lbs. (20.3 kN)

4566 lbs. (20.3 kN)

3044 lbs. (13.5 kN)

3044 lbs. (13.5 kN)



# 1800 Vibration Tester



## SPECIFICATIONS

### PHYSICAL

<b>Table Sizes</b>	25.6 in. (65 cm) square	33.5 in. (85 cm) square
	48 in. (122 cm) square	60 in. (152 cm) square
	72 in. (183 cm) square	

<b>Standard Hole Patterns</b>	6 in. grid, 3/8-16 Stainless Steel inserts
	15 cm grid, M10 x 1.5 Stainless Steel inserts

### POWER REQUIREMENTS

	System	Controls
<b>Voltage</b>	200 – 460 VAC	100 – 240 VAC
<b>Frequency</b>	50, 60 Hz.	50, 60 Hz.
<b>Phase</b>	Three Phase	Single Phase

### FACILITY REQUIREMENTS

**Cooling Water** 6 gpm at 60°F (15.5°C at 23 L/min.)

**Plant Air** 80 psi (552 kPa), 1 scfm

*For 1-G Supports (optional)*

## SYSTEM DRAWING

### SIDE VIEW

