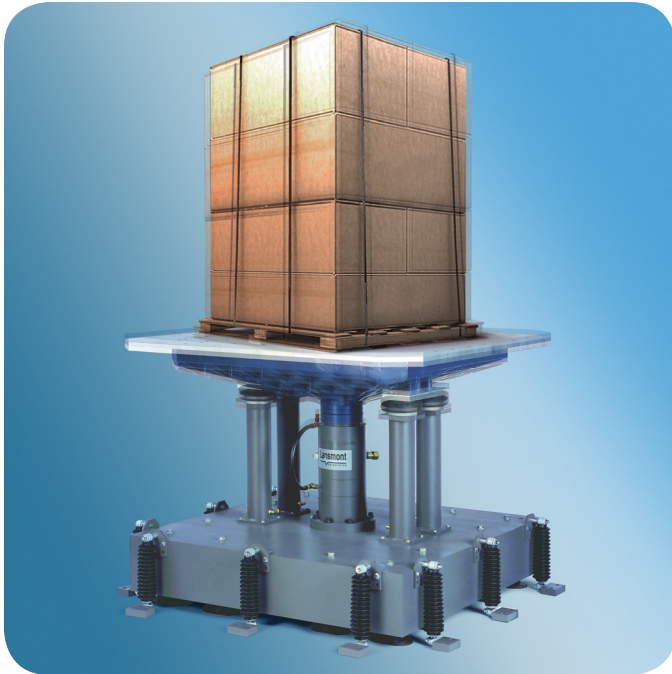




# 7000 Vibration Tester



The Model 7000 Vibration Test System has similar performance to the Model 1800 with the advantage of being able to accommodate heavier payloads. The system runs resonance search and fixed-frequency dwell tests for product evaluation and is also used for distribution simulation per ASTM, ISTA, ISO and other common industry test specifications. The system will also run test profiles created from SAVER™ environmental data.

For testing heavier test items or unitized loads, the Model 7000 might be the best choice for to satisfy your performance and payload requirements. 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                                | 1 – 300 Hz.         |
| Maximum Stroke Options (peak-to-peak)          | 2.5 in. (6.4 cm)    |
|                                                | 4.0 in. (10.2 cm)   |
|                                                | 6.0 in. (15.2 cm)   |
| Actuator Stall force (at 3000 psi (207 bar))   | 9171 lbs. (41 kN)   |
| Actuator Dynamic Force (at 3000 psi (207 bar)) | 6114 lbs. (27.2 kN) |



# 7000 Vibration Tester



## SPECIFICATIONS

### PHYSICAL

**Table Sizes**                      48 in. (122 cm) square                      60 in. (152 cm) square  
72 in. (183 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      |
|------------------|---------------|---------------|
| <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**                      Standard HPS – 6 gpm at 60°F (23 L/min. at 15.5°C)

**Plant Air**                              80 psi (552 kPa) for 1-G Supports (optional)

## SYSTEM DRAWING

### SIDE VIEW

