



10000 Vibration Tester



The Model 10000 Vibration Test System is designed for testing large, heavy payloads. The actuator force and large table options make the Model 10000 the ideal vibration system for testing unit loads and large crated products. The Model 10000 performs testing per ASTM, ISTA, ISO and other common industry test specifications. The system will also run test profiles created from SAVER™ environmental data.

The Model 10000 has several table size choices to best cater to the intended testing application. In addition to the vibration table, each vibration system includes 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))	12,370 lbs. (55 kN)
Actuator Dynamic Force (at 3000 psi (207 bar))	8247 lbs. (36.7 kN)



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SPECIFICATIONS

PHYSICAL

Table Sizes	48 in. (122 cm) square	60 in. (152 cm) square
	72 in. (183 cm) square	60 x 98 in. (152 x 249 cm)

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	200 – 460 VAC	100 – 240 VAC
Frequency	50, 60 Hz.	50, 60 Hz.
Phase	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), 1 scfm
	<i>For 1-G Supports (optional)</i>

SYSTEM DRAWING

SIDE VIEW

