



65000 Vibration Tester



The Model 65000 Vibration Test System is the largest force system in our line of vibration equipment. Designed for testing very large payloads, the Model 65000 can be outfitted with the large test platforms that we have to offer, measuring up to 10 ft. (3 m) in length.

The Model 65000 Vibration Test System is a highly custom vibration system which can be tailored specifically to any extreme payload vibration testing application. Each vibration system features a table sized properly for the intended applications, 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 in. (10.2 cm)

6 in. (15.2 cm)

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

63,720 lbs. (283.4 kN)

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

42,480 lbs. (189 kN)



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SPECIFICATIONS

PHYSICAL

Table Sizes 60 x 98 in. (152 x 249 cm) 82.7 x 98.4 in. (210 x 250 cm)
82.7 x 124 in. (210 x 315 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 –10 gpm at 60°F (38 L/min. at 15.5°C)

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

SYSTEM DRAWING

SIDE VIEW

