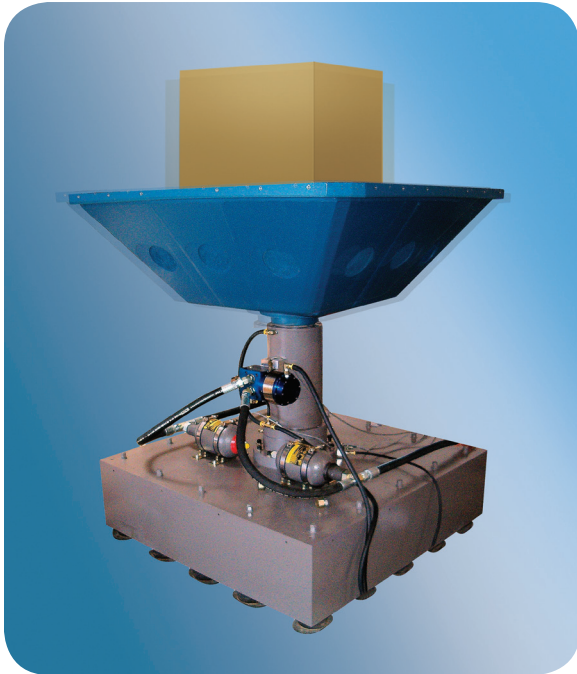




28000 Vibration Tester



The Model 28000 Vibration Test System is our most versatile test platform. The system can be outfitted with large components for testing bulky and heavy payloads. The Model 28000 can also be configured with high-performance components for testing to 500 Hz. or higher.

The Model 28000 Vibration Test System is designed for extreme payload or high performance testing. 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

Standard Performance

High Performance

Maximum Stroke Options (peak-to-peak)

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)

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

29,400 lbs. (131 kN)

29,400 lbs. (131 kN)

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

19,600 lbs. (87.3 kN)

19,600 lbs. (87.3 kN)



28000 Vibration Tester



SPECIFICATIONS

PHYSICAL

Table Sizes	36 in. (91 cm) square	48 in. (122 cm) square
	50 in. (127 cm) square	60 in. (152 cm) square
	60 x 98 in. (152 x 249 cm)	102 x 160 in. (259 x 406 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	460 - 630 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

