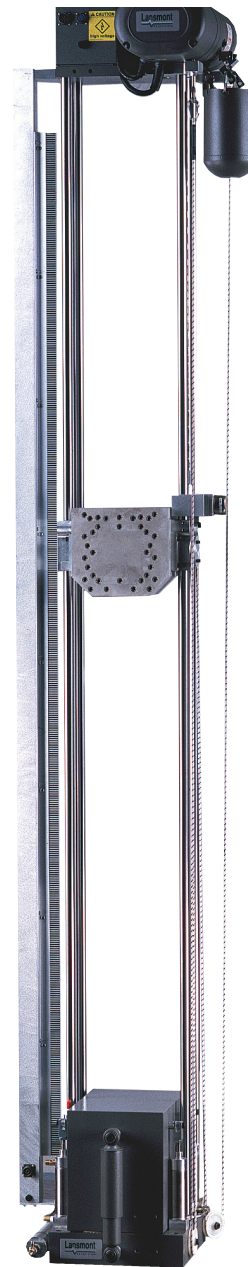
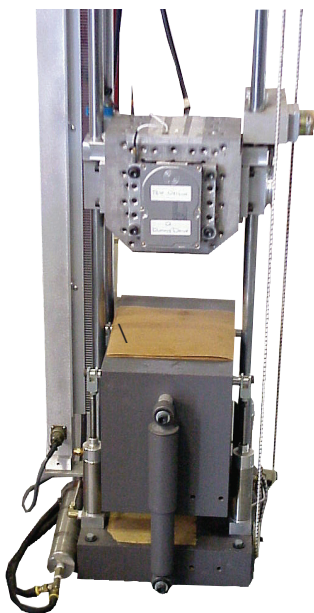


Model 23D Shock Test System

Lansmont's Model 23D Shock Test System is a high performance version of our Standard Model 23 Shock Test System. Through close cooperation with the world's leading computer manufacturers, Lansmont has modified the proven Model 23 Shock Test System design to meet the demanding computer industry shock testing requirements in general and Dell laboratory certification requirements in particular. In addition to shock testing computer storage drives, the Model 23D is ideal for analyzing the shock fragility of small handheld devices such as cell phones, PDAs, or pocket PCs. The Model 23D features an electronic hoist lifting system for easy table positioning and floating seismic reaction mass to isolate shock energy from transmitting to the surrounding laboratory space. The Model 23D is outfitted standard with Lansmont's TouchTest™ Shock II Control System.

Model 23D Features:

- Superior shock pulse quality- the Model 23D's unique magnesium shock carriage design can generate nearly ideal half-sine shock pulses.
- Comes standard with a programming kit for meeting OEM certification requirements for Dell laboratory certification no. SV0313.
- Two-faced Model 23D shock carriage incorporates a table hole pattern on both the top and front surfaces.
- Half-sine, sawtooth and trapezoidal shock pulse capabilities.
- Electric hoist for table position and seismic base impact surface that is on a low frequency, damped suspension system.
- Lansmont's TouchTest™ Shock II Controls incorporated with Lansmont's Test Partner Data Acquisition System provide the most powerful shock system controller available!
- Global Customer Support offers professional services including repair, maintenance, calibration and training.



Model 23D Shock Test System

TECHNICAL SPECIFICATIONS

PHYSICAL

Table Mounting Surface	
Side to Side (between guide rods)	9.06 in. (23 cm)
Front to Back	6.0 in. (15.2 cm)
Table Weight	30 lbs. (13.6 kg)

PERFORMANCE

Maximum Specimen Weight	40 lbs. (18 kg)
Maximum Acceleration (bare table)	2000 g
Minimum (bare table)	.25 msec* (half-sine)
Maximum (bare table)	24 – 32 ft/sec (7.3 – 9.7 m/sec)

* Note: Maximum Acceleration, Shock Pulse Duration and Velocity Change vary considerably depending on the table weight, specimen weight and programming material. The values listed are to be used as guidelines only.

MACHINE SIZE

Height	96 in. – 120 in. (244 cm – 305 cm)
Side to Side	21 in. (53 cm)
Front to Back	24 in. (61 cm)
Weight	400 lbs. – 800 lbs. (181 kg – 363 kg)

UTILITIES

Minimum Service Requirement (Electrical)	
Hoist (Voltage / Frequency / Current):	200-240VAC/3Ø/50-60 Hz: 4 amp minimum (standard) 380-480VAC/3Ø/50-60 Hz: 2 amp minimum (standard) 110-120VAC/1Ø/50-60 Hz: 15 amp minimum (optional) 220-240VAC/1Ø/50-60 Hz: 10 amp minimum (optional)
Controls: (Voltage / Frequency / Current):	100-120VAC/1Ø/50-60 Hz: 1 amp minimum 200-240VAC/1Ø/50-60 Hz: 1 amp minimum
Nitrogen (for squarewave programmers only)	1,000 – 2,000 psi (69 – 138 bar)
Plant Air	90 psi (6.2 bar) with LIK option and/or floating seismic base option.
SHIPPING WEIGHT	800 lbs – 1,200 lbs. (363 kg – 544 kg)

* With pneumatic supported seismic base.

TouchTest™ Shock II Controls:

- Available in Bench-Top Controls.
- Fully integrated machine setup and control.
- Touch-screen user interface.
- New shock pulse predictor feature makes setting up shock pulses easier than ever.
- Automatically communicates with Lansmont's Test Partner Data Acquisition and Analysis System for the most advanced shock analysis ever.

