

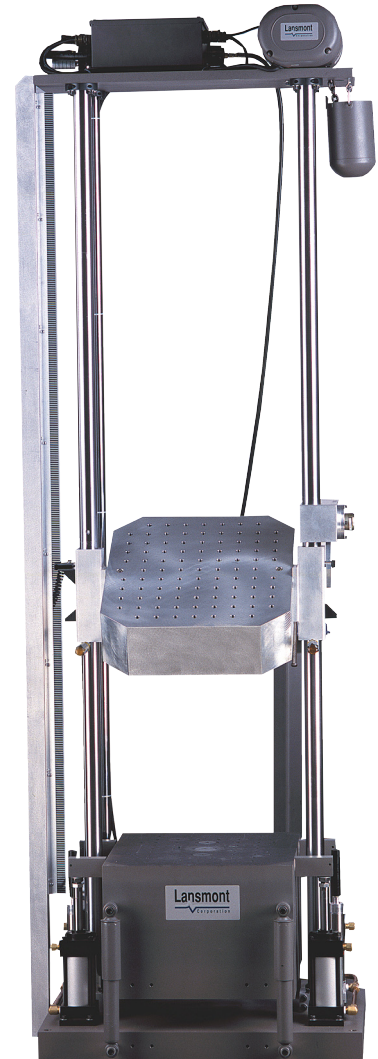
Models P30M - P60M Shock Test Systems

Performance Series

Lansmont's Models P30M - P60M Shock Test Systems are the most versatile shock systems that we have designed. This line of shock systems was specifically designed for testing large, flat objects such as digital displays or printed circuit boards. Unlike any other shock system in the world, the P30M - P60M shock table has the ability to rotate precisely 90 degrees from a horizontal to a vertical orientation. Thus, the user no longer has to hassle with changing a product's orientation to perform tests in another orientation. Simply rotate the table and continue your shock testing! P30M - P60M systems can be custom designed to meet a customer's shock testing needs. Allow Lansmont to design a P30M - P60M test system that is specific to meeting your demands today!

P30M - P60M Features:

- Versatile rotating table design- the unique P30M - P60M shock table design is capable of rotating 90 degrees.
- Half-sine, trapezoidal, and terminal peak sawtooth 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.



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TECHNICAL SPECIFICATIONS

PHYSICAL

Table Mounting Surface	
Side to Side	12 in. – 24 in. (30.5 cm – 60.9 cm) to customer specification
Front to Back	12 in. – 24 in. (30.5 cm – 60.9 cm) to customer specification

PERFORMANCE

Maximum Specimen Weight	150 lbs. (68 kg) *
Maximum Acceleration (bare table)	1500 g
Minimum (bare table) Maximum (bare table)	0.5 msec (half-sine) 20 – 28 ft/sec (6.1 – 8.5 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	116 in. – 140 in. (295 – 356 cm)
Side to Side	34 in. – 44 in. (86.4 – 111.8 cm) ***
Front to Back	36 in. (92 cm)
Weight	3,500 lbs. – 5,500 lbs. (1588 kg – 2495 kg) **

UTILITIES

Minimum Service Requirement (Electrical)	
¼ Ton Capacity Hoists (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)
½ Ton Capacity Hoists (Voltage / Frequency / Current):	200-240VAC/3Ø/50-60 Hz: 5 amp minimum (standard) 380-480VAC/3Ø/50-60 Hz: 3 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
Plant Air or Bottled Nitrogen	90 psi (6.2 bar)

SHIPPING WEIGHT	5,000 lbs. – 7,500 lbs. (2268 kg – 3402 kg) **
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* Larger specimen weights available. . .contact Lansmont

** Depends on table size and machine height selections.

*** Machine width is 20 inches (51 cm) greater than the customer selected table width.

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.

