

## Model 15-D Shock Test System

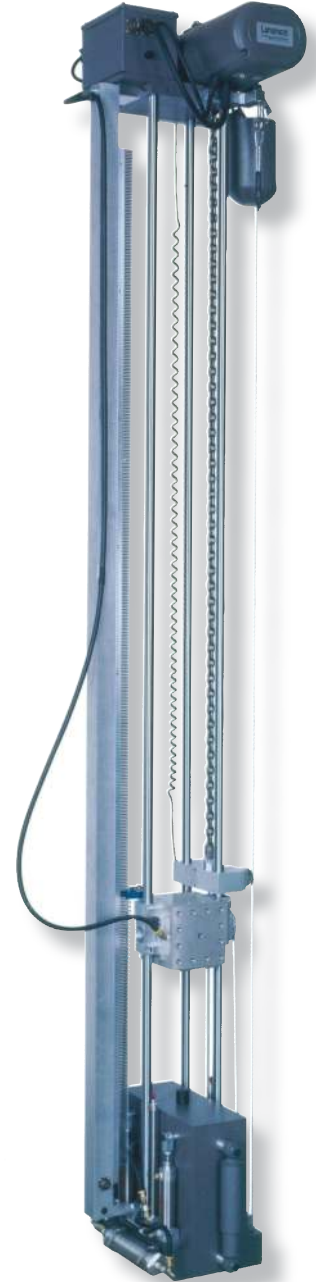
Lansmont's Model 15-D Shock Test System is the smallest shock test system we manufacture. Ideal for analyzing the shock fragility of small electronic or fiber optic devices, the Model 15-D utilizes a revolutionary shock table that allows the user to test their products in two orientations simultaneously. The Model 15-D 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 15-D is outfitted standard with Lansmont's NEW TouchTest Shock II Table Top Control Console.

### Model 15-D Features:

- Superior shock pulse quality- the Model 15-D's unique magnesium shock carriage design can generate nearly ideal half sine shock pulses.
- Two-faced Model 15-D shock carriage incorporates a table hole pattern on both the top and front surfaces.



- Lansmont's TouchTest Shock II Controls incorporated with Lansmont's Test Partner 3 Data Acquisition System provide the most powerful shock system controller available!
- 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.
- Full range of applications training programs available.
- Worldwide Customer Service department.



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# Model 15-D Shock Test System

## TECHNICAL SPECIFICATIONS

PHYSICAL	
Maximum Specimen Weight	40 lb. (18 kg)
Table Mounting Surface:	
Side to Side (between guide rods)	6.0 in. (15.2 cm)
Front to Back	6.0 in. (15.2 cm)
PERFORMANCE	
Maximum Acceleration	2000 g
Shock Pulse Duration Range	0.25–60 Msec *
Maximum Velocity Change	Up to 32 Ft/Sec (9.7 M/Sec)
MACHINE SIZE	
Height	96 in. – 120 in. (244 cm – 305 cm)
Front to Back	15 in. (38 cm)
Width	18 in. (46 cm)
UTILITIES	
Voltage	100 – 220 VAC
Frequency	50 Hz – 60 Hz
Phase	Single Phase
Current	4A – 8A
Nitrogen (For squarewave programmers only)	Bottled Nitrogen @ 2,000 psi (138 bar)
Plant Air	80 – 120 psi (5.6 – 8.4 kg/cm <sup>2</sup> )
SHIPPING WEIGHT	
Shipping Weight	800 lbs (363 kg) Approximate

\* with appropriate programming kits



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Corporation