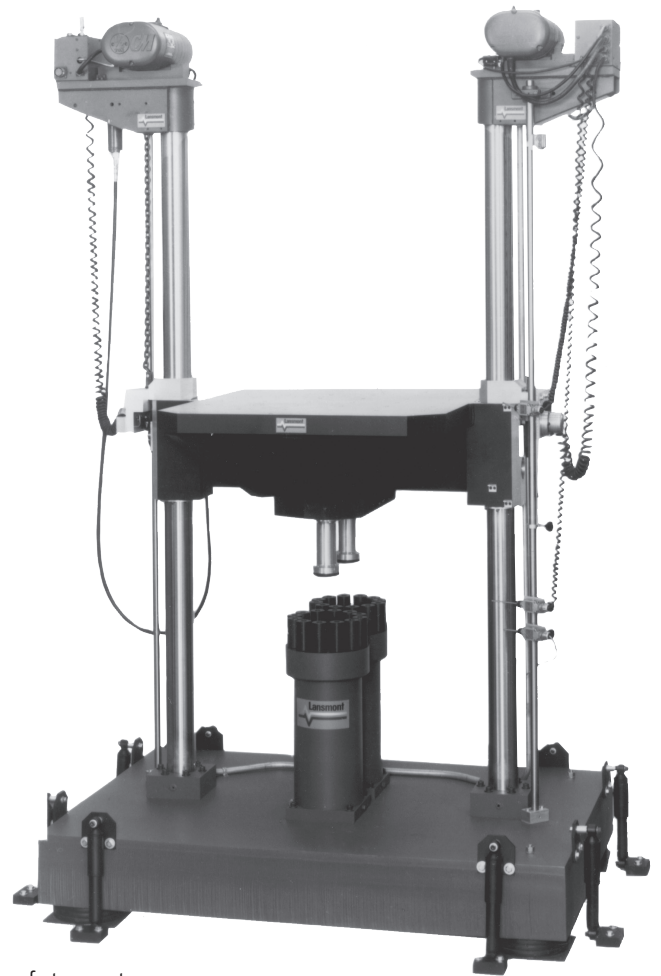


Model 95/115 Shock Test System

Lansmont's Model 95/115 offers the test engineer a wide range of performance, with its 37.4 in. x 45.3 in. (95 cm x 115 cm) cast aluminum table, up to 2,500 lbs. (1135 kg) payload capacity, and peak half-sine acceleration of 600 g's. The Model 95/115 can be configured to perform half-sine, trapezoidal and terminal peak saw-tooth waveforms with minimum set-up times between pulses. The one-piece cast aluminum table, Damage Boundary Programmers, and integral seismic reaction mass work in harmony to produce extremely clean, repeatable shock pulses. The Model 95/115 is the ideal solution for testing mid-size to large products where pulse quality and system reliability are of critical importance. The Model 95/115 comes standard with Lansmont's TouchTest™ Shock II Control System, which allows the operator full control over all shock test parameters and includes advanced features such as shock pulse predictor, auto-cycle for consecutive shock pulses, and a wide range of user programmability.

95/115 Features:

- Large payload capacity and table surface area make the 95/115 extremely versatile for larger products.
- A wide range of shock pulses is possible with the Model 95/115.
- Proven durability and reliability.
- The Model 95/115 utilizes hydro-pneumatic brakes which automatically engage in the event of power failure. The 95/115 also comes standard with one pressure sensitive safety mat.
- 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.



17 Mandeville Court, Monterey, CA 93940
1-800-LANSMONT • www.lansmont.com

Model 95/115 Shock Test System

TECHNICAL SPECIFICATIONS

PHYSICAL

Table Mounting Surface:	
Side to Side (between guide rods)	37.4 in. (95 cm)
Front to Back	45.3 in. (115 cm)
Height	No Restrictions
Table Weight	950 lbs. (431 kg)

PERFORMANCE

Maximum Specimen Weight	1,000 lbs. (454 kg) standard dual ½ ton hoists 2,500 lbs. (1135 kg) optional dual 1 ton hoists
Maximum Acceleration (bare table)	600 g
Minimum (bare table)	2.0 msec (half-sine)
Maximum (bare table)	24 ft./sec (7.3 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 general guidelines only.

MACHINE SIZE

Height	121 in. (307.5 cm)
Side to Side	78 in. (198 cm)
Front to Back	57.5 in. (146 cm)
Weight	11,000 lbs. – 11,500 lbs. (4990 kg – 5216 kg)

UTILITIES

Minimum Service Requirement (Electrical)	
Dual 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)
Dual 1 Ton Capacity Hoists (Voltage / Frequency / Current):	200-240VAC/3Ø/50-60 Hz: 8 amp minimum (standard) 380-480VAC/3Ø/50-60 Hz: 4 amp minimum (standard)
Controls: (Voltage / Frequency / Current):	100-120VAC/1Ø/50-60 Hz: 3 amp 200-240VAC/1Ø/50-60 Hz: 3 amp
Nitrogen	2,200 psi (152 bar)
Plant Air	90 psi (6.2 bar) with LIK option and/or low frequency suspension.
SHIPPING WEIGHT	13,000 lbs. – 13,500 lbs. (5987 kg – 6124 kg)

* Higher velocity change available...contact Lansmont

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.

