

SHOCK TEST SYSTEMS – MODEL 65/81



Lansmont's Model 65/81 offers the test engineer a wide range of performance, with its 25.6 in. x 31.9 in. (65 cm x 81 cm) cast aluminum table, 500 lbs. (227 kg) payload capacity, and peak half-sine acceleration of 600 g's. The Model 65/81 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 65/81 is the ideal solution for testing small to mid-size products where pulse quality and system reliability are of critical importance. The Model 65/81 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.

Features

- Extremely clean shock waveforms. The Model 65/81 meets or exceeds many industrial, military, and corporate shock testing standards and specifications.
- A wide range of shock pulses is possible with the Model 65/81.
- Repetitive Shock Mode automatically repeats a pulse up to 30,000 times.
- Proven durability and reliability.
- The Model 65/81 utilizes hydro-pneumatic brakes which automatically engage in the event of power failure. The 65/81 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.

TABLE MOUNTING SURFACE	
Side to side (between guide rods)	65 cm
Front to back	81 cm
Height	No restrictions
Table weight	204 kg
PERFORMANCE	
Maximum specimen weight	227 kg
Maximum acceleration (bare table)	600 g
Minimum (bare table)	2 msec (half sine)
Maximum (bare table)	7.3 m/sec
MACHINE SIZE	
Height	303-379cm
Side to side	150cm
Front to back	81cm
Weight	
UTILITIES	
Hoist (Voltage / Frequency / Current)	200-240VAC/3Ø/50-60 Hz: 5 amp minimum (standard) 380-480VAC/3Ø/50-60 Hz: 3 amp minimum (standard) 210-120VAC/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: 3 amp minimum 200-240VAC/1Ø/50-60 Hz: 3 amp minimum
Nitrogen	2,200 Psi (152 Bar)
Plant Air	90 psi (6.2 bar) with LIK option and/or floating seismic base option
Shipping Weight	3175kg - 3629kg