

## **Model 152 Shock Test System**

The Model 152 shock test system is the largest standard machine in Lansmont's product line-up. The Model 152 shock test system offers the test engineer a system capable of half-sine shock accelerations to 600 g's and payload capacities of 2500 lbs. (1135 kg). The Model 152 shock test system's large table (152 cm sq. (60 in. sq.)) and payload capacity make it versatile for testing very large products or multiple products mounted on the same table. The Model 152 can be configured to perform half-sine, trapezoidal and terminal peak saw-tooth waveforms with minimum set-up times between pulses. The one-piece aluminum weldment table, damage-boundary programmers, and integral seismic reaction mass work in harmony to produce clean, repeatable shock pulses. The Model 152 is the ideal solution for testing large products where pulse quality and consistency are required for damage-boundary type testing. The Model 152 comes standard with Lansmont's new 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.



### **Model 152 Features:**

- Large payload capacity and table surface area make the 152 extremely versatile for larger products.
- Four precision guide-rods and five Damage Boundary Programmers insure clean waveforms.
- Wide range of shock pulses are possible with the Model 152.
- TouchTest Shock II controls speed up the testing process by simplifying machine set-up and minimizing errors.
- Proven durability and reliability. Dual industrial hoists provide fast, reliable table/payload positioning.
- Redundant safety systems. The Model 152 utilizes hydro-pneumatic brakes which automatically engage in the event of power failure. The 152 also comes standard with one pressure sensitive safety-mat which returns the machine to a "safe" state if activated.
- Worldwide Customer Service department.