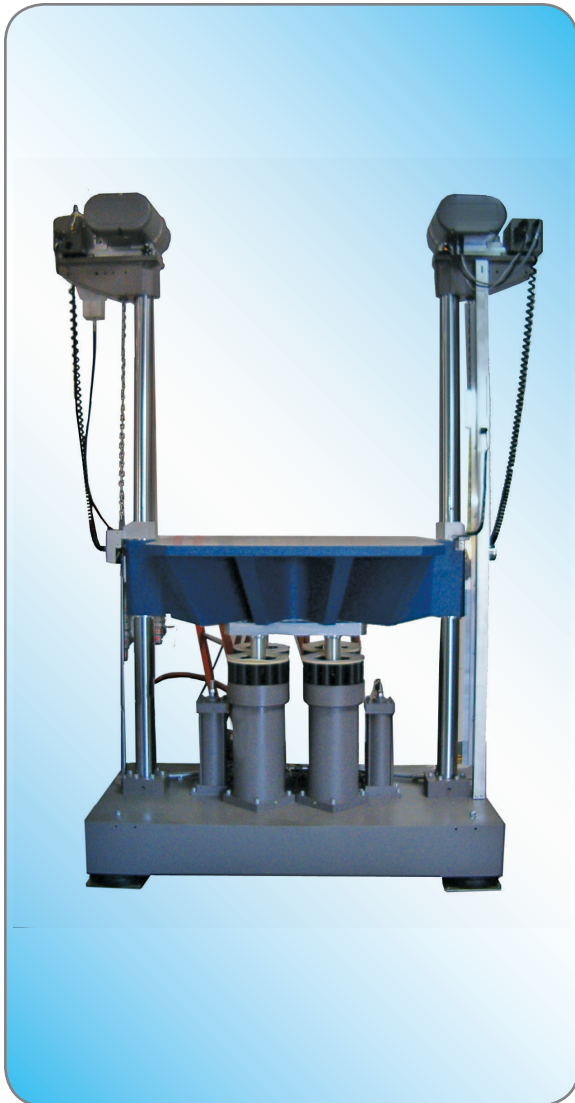




122 Shock Tester



The Model 122 Shock Test System payload capacity and large table size make it a versatile platform for testing larger products or for testing multiple items simultaneously. The Model 122 is available in standard and heavy-duty configurations to tailor the system to specific applications.

The Model 122 is outfitted standard with a TouchTest™ Shock II Table Top Control Console which will communicate seamlessly with Test Partner Data Acquisition Systems.

PERFORMANCE SPECIFICATIONS

TABLE DIMENSIONS

Side to Side	48 in. (122 cm)
Front to Back	48 in. (122 cm)

TEST CAPABILITIES

Max. Acceleration	600g
Min. Pulse Duration	2 msec (half sine)
Max. Velocity Change	20 ft./sec (6.1 m/sec)
Pulse Waveforms	Half Sine
<i>*with Optional Programmers</i>	Trapezoidal Terminal Peak Sawtooth*

MAXIMUM PAYLOAD

Standard	750 lbs. (340 kg)
Heavyweight option	2500 lbs. (1135 kg)

MACHINE SPECIFICATIONS

MACHINE ENVELOPE DIMENSIONS

Height	
Standard	120 in. (305 cm)
Heavyweight	129 in. (328 cm)
Side to Side	84 in. (213 cm)
Front to Back	51 in. (130 cm)

POWER REQUIREMENTS

Machine	200 – 240 VAC/3Φ/50 – 60 Hz: 8 amp min. 380 – 480 VAC/3Φ/50 – 60 Hz: 4 amp min.
Controller	100 – 120 VAC/1Φ/50 – 60 Hz: 3 amp min. 200 – 240 VAC/1Φ/50 – 60 Hz: 3 amp min.

PNEUMATIC REQUIREMENTS

Nitrogen	2200 psi (152 bar)
Plant Air*	90 psi (6.2 bar) <i>*for Low Impulse Kit</i>