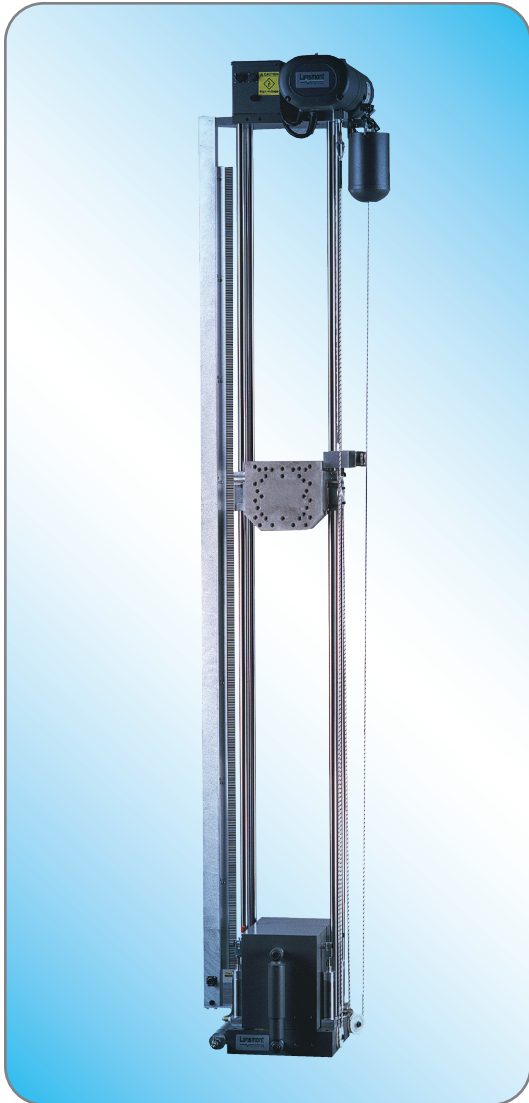




23D Shock Tester



The Model 23D Shock Test System is a high-performance version of the Model 23 Shock Test System. The multi-sided magnesium shock carriage generates nearly ideal half-sine shock pulses and allows for mounting test items in multiple orientations simultaneously. The Model 23D 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

Front Face	9.06 x 9.06 in. (23 x 23 cm)
Top Face	6.0 x 9.06 in. (15.2 x 23 cm)

TEST CAPABILITIES

Max. Acceleration	2000g
Min. Pulse Duration	0.25 msec (half sine)
Max. Velocity Change	24 – 32 ft./sec (7.3 – 9.7 m/sec)
Pulse Waveforms	Half Sine
<i>*with Optional Programmers</i>	Trapezoidal*
	Terminal Peak Sawtooth*

MAXIMUM PAYLOAD	40 lbs. (18 kg)
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MACHINE SPECIFICATIONS

MACHINE ENVELOPE DIMENSIONS

Height	96 – 120 in. (244 – 305 cm)
Side to Side	21 in. (53 cm)
Front to Back	24 in. (61 cm)

POWER REQUIREMENTS

Machine	200 – 240 VAC/3Φ/50 – 60 Hz: 4 amp min. 380 – 480 VAC/3Φ/50 – 60 Hz: 2 amp min.
Controller	100 – 120 VAC/1Φ/50 – 60 Hz: 1 amp min. 200 – 240 VAC/1Φ/50 – 60 Hz: 1 amp min.

PNEUMATIC REQUIREMENTS

Nitrogen*	1000 -2000 psi (69 – 138 bar)
Plant Air	90 psi (6.2 bar)

**for optional DB Programmer*