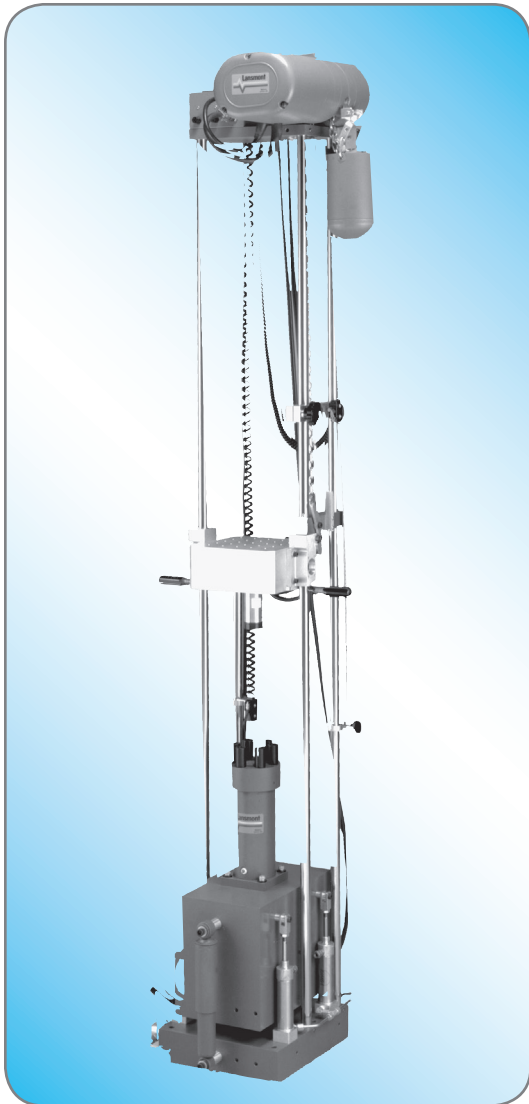




23 Shock Tester



The Model 23 Shock Test System is an extremely versatile testing machine. It can perform a wide variety of programmable shock tests. When outfitted with optional platens or impact forms, the Model 23 can also perform materials impact evaluation (cushion testing) or artificial turf testing.

The Model 23 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	9.06 in. (23 cm)
Front to Back	9.06 in. (23 cm)

TEST CAPABILITIES

Max. Acceleration	5000g
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	80 lbs. (36 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*