



65/81D Shock Tester



The Model 65/81D Shock Test System is an enhanced version of the Model 65/81 Shock Test System. The Model 65/81D is the ideal solution for testing small to mid-size products where pulse quality and system reliability are of critical importance. The Model 65/81D 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	25.6 in. (65 cm)
Front to Back	31.9 in. (81 cm)

TEST CAPABILITIES

Max. Acceleration	600g
Min. Pulse Duration	2 msec (half sine)
Max. Velocity Change	26.6 ft./sec (8.1 m/sec)
Pulse Waveforms	Half Sine
<i>*with Optional Programmers</i>	Trapezoidal
	Terminal Peak Sawtooth*

MAXIMUM PAYLOAD	500 lbs. (227 kg)
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MACHINE SPECIFICATIONS

MACHINE ENVELOPE DIMENSIONS

Height	148 in. (375 cm)
Side to Side	59 in. (150 cm)
Front to Back	32 in. (81 cm)

POWER REQUIREMENTS

Machine	200 – 240 VAC/3Φ/50 – 60 Hz: 5 amp min. 380 – 480 VAC/3Φ/50 – 60 Hz: 3 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)