



65/81 Shock Tester



The Model 65/81 Shock Test System provides the pulse quality and system reliability needed for testing small to mid-size products. The Model 65/81 meets or exceeds many industrial, military, and corporate shock testing standards and specifications. The Model 65/81 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	24 ft./sec (7.3 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	119 – 149 in. (303 – 379 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) <i>*for Low Impulse Kit</i>