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
  *with Optional Programmers*
  - Trapezoidal
  - Terminal Peak Sawtooth*

**MAXIMUM PAYLOAD**: 500 lbs. (227 kg)

### 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**
  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)  *for Low Impulse Kit