

MB Dynamics C10E Shaker



The C10E shaker is a proven rugged, high quality, air-cooled shaker that is ideal for vibration, production screening, and reliability testing.

C10E Shaker Performance	
Force output	1200 lbs Sine peak
Random RMS	950 lbs
Shock	2400 lbs
Max acceleration	68 g's
Max velocity	70 in/sec
Max stroke	1" (+1/2") between stops - continuous only
Frequency range	5 - 3000 Hz
Payload capacity	Limited only by axial suspension stiffness and test stroke requirements
Shaker/Trunnion Isolation	Built-in isolators reduce transmitted vibration to < 1% above 25 Hz
C10E Mechanical Specifications	
Cooling	Forced air by remote blower
Stray	36 gauss, at table surface
Shaker Rotation	+ 90° from vertical
Suspension Stiffness	360 lbs/in
Moving Element	9 1/4" diameter, 17 1/2 lbs 8" diameter outer bolt circle axial resonance >3000 Hz
Shaker Weight	1150 lbs net
Shaker Size	26 1/2" W x 30 1/2"D x 30 1/2" H
Protective Features	Shaker overtravel switches. Moving element mechanical stops
C10E Options	
<ul style="list-style-type: none"> • Thermal seal for table surface (used with chamber) • Externally mounted degaussing coil • Absorption pad, vibration isolation • Stiff mounts increase suspension stiffness to 720 lbs/in 	