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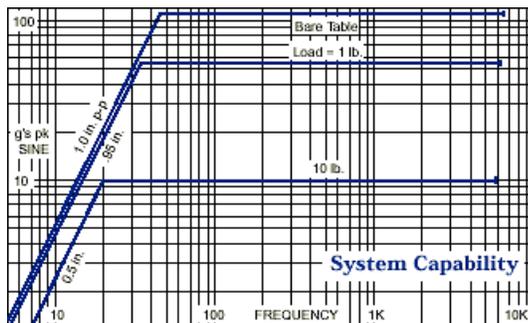
LW140.141-110



The LW140.141-110 is our strongest compact shaker system. Capable of up to 110 lbs. force, the 3-inch diameter armature table is suitable for larger loads that require high vibration levels. The shaker's full 1-inch armature stroke capability is ideal for many modal as well as low and high frequency general applications. The air cooled PA-141 amplifier is direct coupled to the shaker to give the maximum performance at low and high frequencies and can be easily switched from voltage source mode, for general testing, to current source mode for modal testing applications. Dual meters display the system operating levels and complete shaker and user interlocks help protect the system from accidental abuse. A lateral flexure table base [system](#) is available for larger and heavier loads or loads with a high center of gravity.

General Specifications

Sine force	110 lbs force pk
Random force	45 lbf rms random
Shock force	110 lbf pk shock
Frequency Range:	DC to 6,500 Hz
Maximum Acceleration:	110 g pk, bare table 55 g pk, 1 lb. load 10 g pk, 10 lb. load
Maximum Displacement:	1.0 inch pk-pk, bare table
Cooling:	Amplifier: forced air Shaker: cooling vacuum
Power Requirements:	3,300 VA @ 100*, 110*, 200, 220, or 240V, single phase 50/60 Hz



System Components

- [ET-140 Electrodynamic Shaker](#)
- [PA-141 Linear Power Amplifier](#)
- FS-140 Integrated Field Supply
- [CB-152-140 Cooling Vacuum](#)
- Interconnect Cables and Hoses



CB-152-140

*Low line voltage operation requires 30+ Amp service for full force.

System Options

- [DB-140 - DuoBase](#)
- [VL-144/VL-145 Vibration Controller](#)
- [SC-121 Sine Servo Controller](#)
- [SG-135 Manual Sine Controller](#)
- Rack Cabinet
- [Accelerometer Package](#)
- [SI-140 Base Isolation Mounts](#)



DB-140



SI-140

