



>> Home

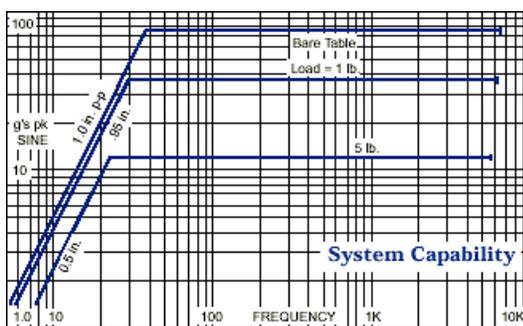
LW139.141-75



The LW139.141-75 is our strongest permanent magnet field shaker system. Capable of up to 75 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 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 guided flexure table base [system](#) is available for larger or heavier loads and loads with a higher center of gravity.

General Specifications

Sine force	75 lbs force pk
Random force	28 lbf rms random
Shock force	75 lbf pk shock
Frequency Range:	DC to 6,500 Hz
Maximum Acceleration:	75 g pk, bare table 38 g pk, 1.0 lb. load 12.5 g pk, 5 lb. load
Maximum Displacement:	1.0 inch pk-pk, bare table
Cooling:	Amplifier: forced air Shaker: cooling vacuum
Power Requirements:	3,000 VA @ 100*, 110*, 200, 220, or 240V, single phase 50/60 Hz



System Components

- [ET-139 Electrodynamic Shaker](#)
- [PA-141 Linear Power Amplifier](#)
- [CB-152-139 Cooling Vacuum](#)

Interconnect Cables and Hoses



CB-152-139

*Low line voltage operation requires 20+ Amp service for full force.

System Options

- [DB-139 - DuoBase](#)
- [VL-144/VL-145 Vib. Controller](#)
- [SC-121 Sine Servo Controller](#)
- [SG-135 Manual Sine Controller](#)
- Rack Cabinet
- [Accelerometer Package](#)
- [SI-139 Base Isolation Mounts](#)



DB-139



SI-139

