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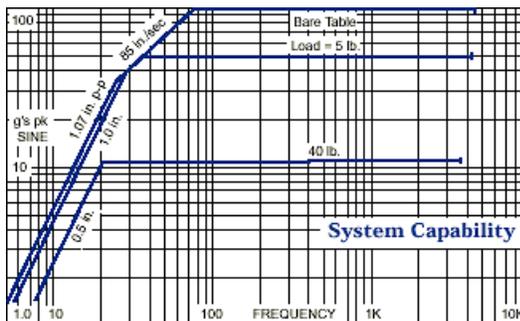
LW127.123-500



The LW127.123-500 is the largest of the current family of Labworks vibration test systems. Its large 6 inch diameter armature table makes it easy to adapt to almost any test requirement with a minimum of fixturing. The high lateral stiffness carbon composite armature suspension reduces problems associated with off-center loads and allows unsupported horizontal operation with many loads. The ET-127-500 is equipped with a degauss coil to ensure low stray magnetic field for sensitive applications. The modular, air cooled PA-123 amplifier is direct coupled to the shaker to give the maximum performance at low and high frequencies. Digital meters display the system operating levels and complete shaker and external interlocks help protect the system from accidental abuse. Oil film slip table base systems are available for larger and heavier loads or loads with high centers of gravity.

General Specifications

Sine force	500 lbs force pk
Random force	350 lbf rms random
Shock force	1,000 lbf pk shock
Frequency Range:	DC to 4,500 Hz
Maximum Acceleration:	100 g pk, bare table 50 g pk, 5 lb. load 11 g pk, 40 lb. load
Maximum Displacement:	1.0 inch pk-pk, bare table
Cooling:	Amplifier: forced air Shaker: cooling vacuum
Power Requirements:	5.200 VA @ 100*, 110*, 200, 220, or 240V, single phase 50/60 Hz



System Components

- [ET-127 Electrodynamic Shaker w/De-Gauss Coil](#)
- [PA-123-3/2-500 Amplifier, Degauss & Field Supply](#)
- [CB-127 Cooling Vacuum](#)

Amplifier Cabinet
Interconnect Cables and Hoses

System Options

- [DB-127 - DuoBase](#)
- [VL-144/VL-145 Vibration Controller](#)
- [SC-121 Sine Servo Controller](#)
- [SG-135 Manual Sine Controller](#)
- [CS-123 Current Source Signal Conditioner](#)
- [LS-127 Armature Load Support/](#)
- [AI-127 Base Isolation](#)



DB-127



LS-127



AI-127

*Consult the factory for low line voltage operation details.

