

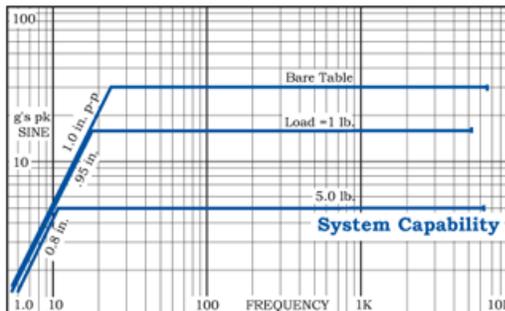
## LW139.151-30



The LW139.151-30 system utilizes the Labworks ET-139 shaker in our lowest force 3 in. table shaker system. Suitable for larger loads that don't require high vibration levels, this system offers the benefits of the larger shaker in a reduced price system. The shaker's full 1-inch armature stroke capability is ideal for many modal as well as low frequency general purpose applications. The convection cooled PA-151 amplifier is direct coupled to the shaker to give the maximum performance at both low and high frequencies and can be easily switched from voltage source mode for general testing to current source mode for modal testing applications. A voltage-proportional-to-output-current output signal is provided for modal test and other applications requiring force monitoring. Dual bar graphs display the system operating levels and internal and external interlocks help protect the system from accidental abuse.

### General Specifications

Sine force	30 lbs force pk
Random force	15 lbf rms random
Shock force	45 lbf pk shock
Frequency Range:	DC to 6,500 Hz
Maximum Acceleration:	30 g pk, bare table 15 g pk, 1 lb. load 5.0 g pk, 5 lb. load
Maximum Displacement:	1.0 inch pk-pk, bare table
Cooling:	Amplifier: natural convection Shaker: natural convection
Power Requirements:	300 VA @ 100, 115, 200, 230 Vac, single phase 50/60 Hz



### System Components

[ET-139 Electrodynamic Shaker](#)

[PA-151 Linear Power Amplifier](#)

Interconnect Cables and Hoses

### System Options

[DB-139 - DuoBase](#)

[VL-144/VL-145 Vibration](#)

[Controller](#)

[SC-121 Sine Servo Controller](#)

[SG-135 Manual Sine](#)

[Controller](#)

Amplifier Rack Mount Brackets

Rack Cabinet

[Accelerometer Package](#)

[SI-139 Base Isolation Mounts](#)



DB-139



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