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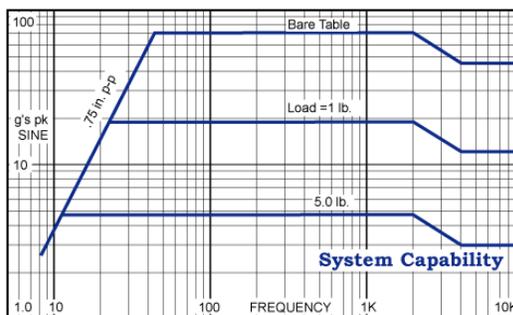
LW161.141-25



The LW161.141-25 is a compact high performance modal test system which makes full use of our smaller MT-161 modal test shaker performance. The thruster's full .75 inch stroke capability, low suspension spring rate and light-weight armature makes this system ideal for most smaller modal test applications. The thruster body features a through hole, and a single collet or thread load attachment to accommodate both tension wire and stinger modal testing. The PA-141 amplifier is direct coupled to the shaker to give the maximum performance at DC through high frequencies, and can be easily switched from voltage source mode to current source mode for force input testing applications. The voltage-proportional-to-current amplifier signal output facilitates servoed force test operation. Dual bar graphs display the system operating levels and internal and external interlocks help protect the system from accidental abuse.

General Specifications

Sine force:	25 lbs force pk
Random force:	11 lbs force rms
Shock force:	27 lbs force pk
Frequency range:	DC to 10,000 Hz
Maximum Acceleration:	70 g pk, bare table 18.5 g pk, 1.0 lb. load 4.7 g pk, 5 lb. load
Maximum displacement:	.75 inch pk-pk
Cooling:	Amplifier: forced air Shaker: cooling vacuum
Power Requirements:	2,200 VA @ 100, 110, 200, 220, or 240V, single phase 50/60 Hz



System Components

- [MT-161-4 Electrodynamic Shaker](#)
- [PA-141 Linear Power Amplifier](#)
- [CB-152-161 Cooling Vacuum](#)
- [MS-129-161 Modal Stinger Kit](#)
- Interconnect Cables and Hoses

System Options

- [VL-144/VL-145 Vibe. Controller](#)
- [SC-121 Sine Servo Controller](#)
- [SG-135 Manual Sine Controller](#)
- Rack Cabinet
- [Accelerometer Package](#)
- [SI-161 Base Isolation Mounts](#)



SI-161

