



THE INNOVATOR IN
**SOUND & VIBRATION
 TECHNOLOGY**

+1.616.669.3028
 VibrationResearch.com
 vrsales@VibrationResearch.com

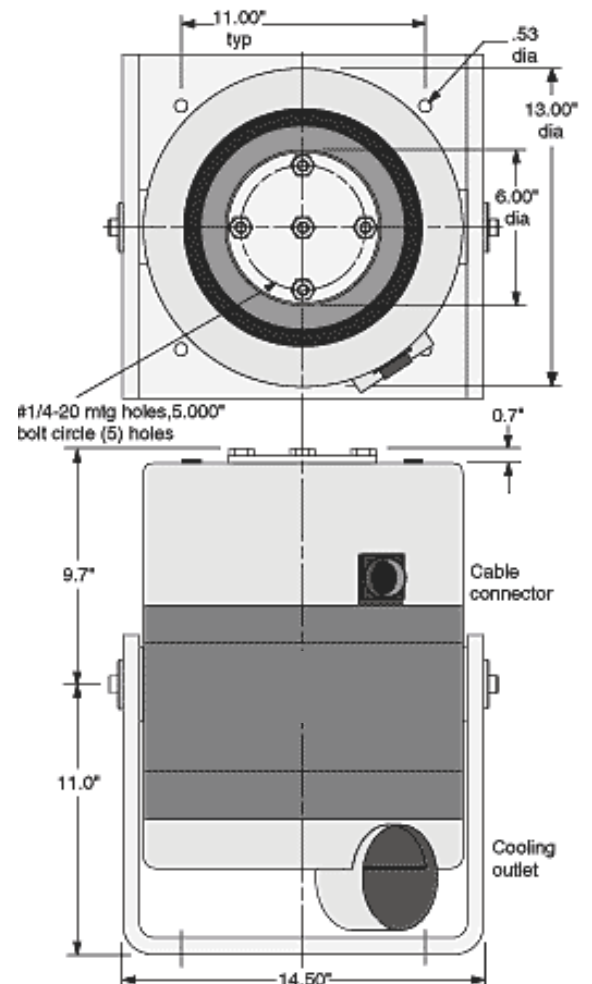
VR5700 Electrodynamic Shaker

The system utilizes the shaker in a lower force output system. Suitable for larger loads that don't require high vibration levels, the system offers the benefits of the larger shaker at a reduced price 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. Oil film slip table base systems are available for larger and heavier loads or loads with high centers of gravity.



VR5700 SYSTEM SPECIFICATIONS

SINE FORCE	225F-lb pk
RANDOM FORCE	110F-lb rms
SHOCK FORCE	240F-lb pk
FREQUENCY RANGE	DC to 4,500Hz
MAX ACCELERATION	45g pk, bare table 32g pk, 2lb load 15g pk, 10lb load
MAX VELOCITY	60ips
MAX DISPLACEMENT	1" pk-pk
POWER REQUIREMENTS	3,500VA @ 200V, 220V, 240V 1Ø, 50/60Hz <i>*consult the factory for low line voltage operation details</i>
COOLING	Cooling vacuum
ARMATURE WEIGHT	5lbs
SUSPENSION STIFFNESS	250F-lb/in
DIMENSIONS	21"H x 14.5"W x 14"D
SHAKER WEIGHT	475lbs
STRAY MAGNETIC FIELD	Measured 3" above table: <10gauss Measured 2" from body: <15gauss
FUNDAMENTAL RESONANCE	3,300Hz to 4,000Hz load dependent 3,700Hz typical



POWER AMPLIFIER

The Linear Power Amplifier has two operational modes. The amplifier can be front panels switched to allow use as either a wide-band, highly damped voltage source, or as a high impedance current source.

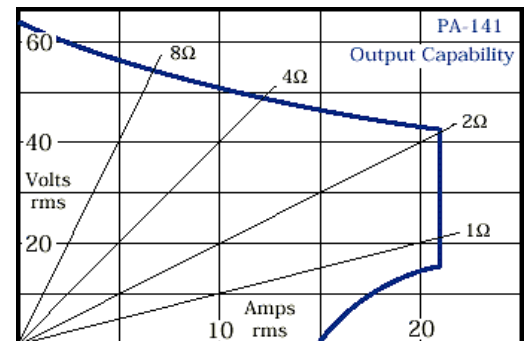
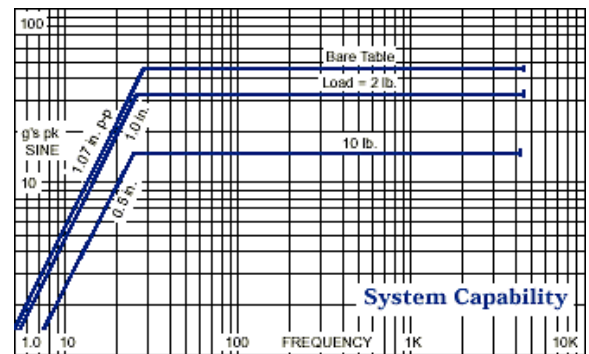
The amplifier features protection from both over current and over temperature ensuring long term reliability. The amplifier has full interlock capabilities as well as peak voltage and RMS current bar graphs to monitor output.

These features are integrated to provide full "big system" performance with the convenience of a single chassis.



AMPLIFIER PARAMETERS

Output voltage	50V rms
Output current	20A rms
Max. continuous dissipation	900W
Max voltage gain	36dB
Cooling	2-speed fan, automatic
Input impedance	10,000ohms
Meters	Volts pk: 19 segment +/-5% Amps rms: 19 segment +/-5%
Interlock circuit	External, user: FO switch or TTL
Dimensions	7"H x 19"W x 17"D
Weight	48lbs



OPTIONS

- Vibration isolation mounts
- Rack cabinets
- Modal stingers & mounts
- Vibration controllers

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