



The Stinger

Model M100 Modal Thruster

100% Air-Cooled
Light-Weight
100 Pounds Force
Adjustable Collet Stinger
DC to 2000 Hz.



Three Years
Parts Warranty!

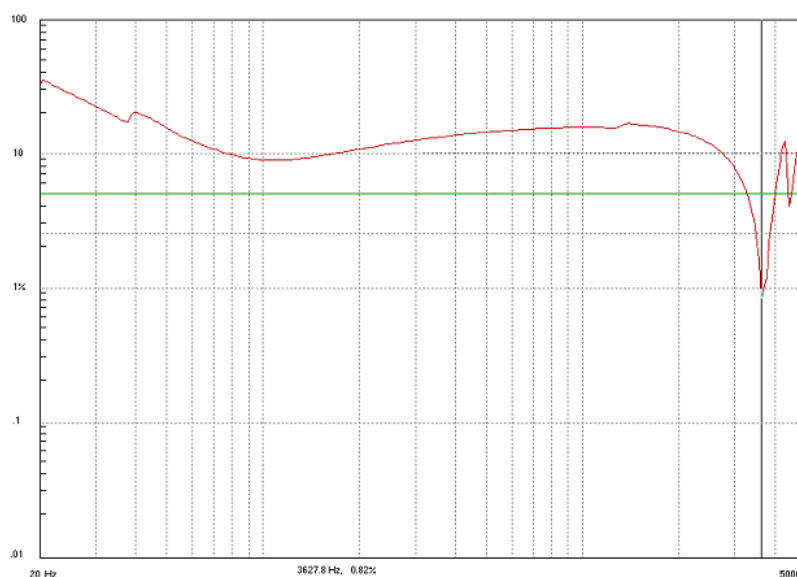
TURNKEY SYSTEM includes

Shaker, Amplifier Blower and Accessory kit with:

- Φ 50 metal hoops with 2 pieces of turnbuckle
- Interconnecting cable between amplifier and shaker
- One set of Stinger
- (4) M6 Copper Nuts
- Φ 2 Steel Cord, 50 cm length
- Steel Cord Collet
- M3 Hex Head Wrench
- M4 Hex Head Wrench
- Fuse for Armature 10A, 2 pcs

Rated Static Force (Peak)	100 lbf
Rated Random Force (RMS)	70 lbf
Max. Acceleration	100 g
Max. Velocity	63 ips
Max. Displacement (P-P)	1.0"
First Resonance Frequency (nom.)	3600 Hz
Max. Current Output	10A
Armature DC Resistance @ 20 °C	3.3 Ohms
Armature Guidance and Suspension	8 pcs of flat flexures
Effective Armature Mass	0.45 kg ; 0.99 lbs.
Blower Power Input	600W, 220V, 60Hz
Continuous Operation	8 hours
Operation Environment	Temperature: 5 to 35 °C Humidity: less than 85% R.H.
Safety Protection	Over-heat Over Current Over Travel
Amplifier	PA 1200
Output Power	1200 VA
Frequency Range	5 to 10,000 Hz
S/N Ratio	Better than 90 dB
Distortion	No more than 0.5%
Power Input	220VAC +/-10%, 60Hz, 1800VA
Shaker Weight (Uncrated)	13 kg
Amplifier Weight (Uncrated)	23 kg

First Resonance at 3627 Hz



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