



DS-6600LS

DOUBLE THE STROKE!



The DS-6600LS offers double the stroke and three times the warranty of traditional wide band 6,600 force pound electrodynamic shaker systems. Conservatively rated for reliable continuous duty testing, the DS-6600LS was designed to meet today's demanding high displacement random and shock test requirements with small to medium sized specimens.

The DS-6600LS raises the bar with a full FOUR INCHES of peak-to-peak displacement and 150g bare table acceleration for shock.

Often eliminating the need for messy hydraulic shakers and stand-alone shock test equipment, the DS-6600LS increases the spectrum of your lab's testing capability without requiring additional real estate and capital expense.

Driven by our SA35 solid-state switching amplifier with state-of-the-art IGBT technology, the DS-6600LS is 100% air-cooled by a 10hp remote cooling blower. Ruggedly constructed and tested in compliance with ISO: 5344, the DS-6600LS system is backed by our signature THREE YEARS PARTS and ONE YEAR LABOR warranty – unsurpassed in the industry.

The DS-6600LS comes standard in a rotating trunnion base with pneumatic isolators, eliminating the need for expensive reaction masses, and an optical positioning sensor for automatic armature centering. Optional combined bases with guided oil film or bearing line slip table assemblies and a variety of head expanders are also available.

Force Rating (lbf)	Sine	6600
	Random	6600
	Shock	13,200
Velocity	Sine	71 ips
Displacement*	Continuous	3.5"
	Shock	4"
Max Acceleration	Sine	75g
	Random**	40g
Frequency Range		DC to 2,600Hz
Resonance Frequency		2,400Hz
Load Support (Max)*		661 lbs.
Armature Weight		88 lbs.
Armature Diameter		16"
Mounting Inserts		24 x M10 150mm, 250mm, 350mm (8 each)
Max Armature Current		350A
Amplifier		SA35 (35 kva)
Cooling Blower		10 hp
Field Rated Voltage	100%	270VDC
	50%	160VDC
Amplifier Output		350A
Facility Power		460V; 3 Ph; 80 FLA

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Due to continuous product development and improvement, we reserve the right to modify this specification without notice.