



DSS-1300/8-6

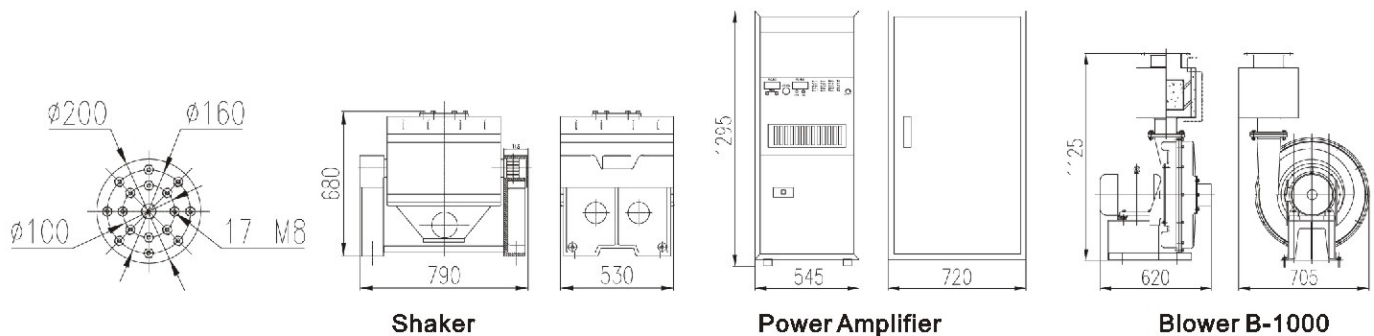
Air Cooled Electro-Dynamic Vibration Test System

Shaker Specifications		DSS-1300/8	
Sine (Pk)	600 kgf (1,320 lbf)	Body Suspension Natural Frequency (Thrust Axis)	3 Hz
Random (RMS)	600 kgf (1,320 lbf)		
Shock (Pk)	1,200 kgf (2,460 lbf)	Table Diameter	200 mm (7.9")
Usable Frequency	5 to 3,500 Hz	Armature Effective Nominal Weight	6 kg (13.2 lbs)
Maximum Displacement(p-p)	25mm (1")		
Maximum Velocity	160 cm/s (63.0 in/s)	Load Attachment Points (Standard)	17 stainless steel M8 Inserts (UNC option)
Maximum Acceleration	100 g	Stray Flux Density @6 inch (152 mm) above table	< 3 mT (30 gauss),but 1 mT (10 gauss) by special design
Fundamental Resonance Frequency (Bare table)	3,300 Hz (nom.) ± 5%		
Vertical Load Support	200 kg (440 lbs)	Overall Dimensions	790mmL×530mmD×680mmH (31.1" L×20.9" D×26.8" H)
		Weight of Shaker(Uncrated)	610 kg(1,342 lbs)

Power Amplifier Specifications SA-6		Blower Specifications B-1000	
Rated Output Capacity	6 kVA	Blower Power (Full Load)	4 kW (5 HP)(Based on 380VAC,50Hz)
Signal to Noise Ratio	Greater than 65 dB	Air Flow	0.33 m ³ /s (701 CFM)
Amplifier Efficiency	Greater than 90%	Air Pressure	3.5 kpa (0.51 PSI)
Interlock Protection(to prevent the output devices from working outside their specified limits)	<ul style="list-style-type: none"> • Logic Fault • Input Phase Loss • Over-Voltage • Control Power • External Fault • Input Under-Voltage • Over-Temp (Field Coll and Driving Coil) • Over-Current • Air Pressure • Over-Travel 	Air Duct length	4m

System Environmental Requirement		SYSTEM OPTIONS	
Operating Room Temperature	0 to 40 degree C	• Slip Table Configuration	• Head Expander
Humidity	0 to 90%, non condensing	• V-Groove Caster and Rail System	• Thermal Barrier
Power Supply Requirement	380 VAC, 50 Hz, 3Ph, 16 kVA (All kinds of Power supply are optional)		• Remote Control
Compressed Air Requirement	0.6 Mpa (87 psi)		

※The standard cable length between Shaker and Power Amplifier is 6m.



NOTE: In keeping with our commitment to continuous product improvement, the information herein is subject to change.
 DYNAMIC SOLUTIONS - P.O. BOX 7963 - NORTHRIDGE, CA 91327 - WWW.DYNSOLUSA.COM