



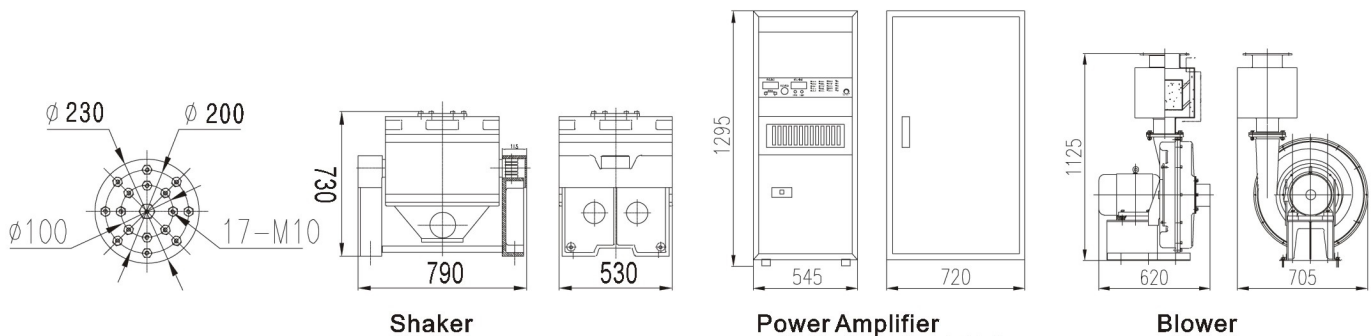
# DS-1300/9-6 Air-Cooled Vibration Test System

Shaker Specifications DS-1300/9			
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	230 mm (9.1" )
Usable Frequency	2 to 2,500 Hz	Armature Effective Nominal Weight	12 kg (26.4 lbs)
Maximum Displacement(p-p)	51mm (2" )		
Maximum Velocity	140 cm/s (55.1 in/s)	Load Attachment Points (Standard)	17 stainless steel M10 Inserts (UNC option)
Maximum Acceleration	50 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)	2,800 Hz (nom.) ± 5%		
Vertical Load Support	300 kg (660 lbs)	Overall Dimensions	790mmL×530mmD×730mmH (31.1" L×20.9" D×28.7" H)
		Weight of Shaker(Uncrated)	590 kg(1,298 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 m³/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"> <li>• Logic Fault</li> <li>• Input Phase Loss</li> <li>• Over-Voltage</li> <li>• Control Power</li> <li>• External Fault</li> <li>• Input Under-Voltage</li> <li>• Over-Temp (Field Coil and Driving Coil)</li> <li>• Over-Current</li> <li>• Air Pressure</li> <li>• Over-Travel</li> </ul>	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
Power Supply Requirement	380 VAC, 50Hz, 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.

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