



DSS-220/6-1

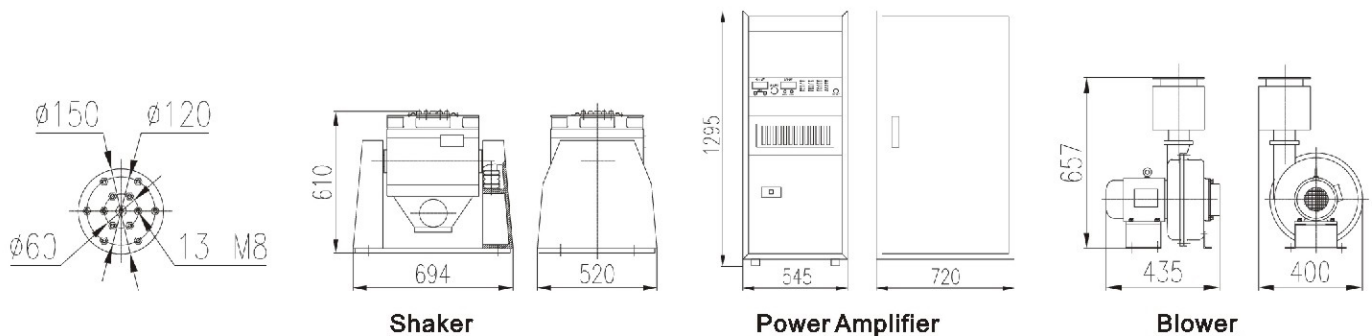
Vibration Test System

Shaker Specifications DSS-220/6			
Sine (Pk)	100 kgf (220 lbf)	Body Suspension Natural Frequency (Thrust Axis)	3 Hz
Random (RMS)	100 kgf (220 lbf)		
Shock (Pk)	200 kgf (440 lbf)	Table Diameter	150 mm (5.9")
Usable Frequency	5 to 4,500 Hz	Armature Effective Nominal Weight	2 kg (4.4 lbs)
Maximum Displacement(p-p)	25mm (1")		
Maximum Velocity	200 cm/s (78.7 in/s)	Load Attachment Points (Standard)	13 stainless steel M8 Inserts (UNC option)
Maximum Acceleration	50 g/75 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)	3,400 Hz (nom.) ± 5%		
Vertical Load Support	70 kg (154 lbs)	Overall Dimensions	694mmL×520mmD×610mmH (27.3" L×20.5" D×24.0" H)
		Weight of Shaker(Uncrated)	395 kg(869 lbs)

Power Amplifier Specifications SA-1		Blower Specifications B-200	
Rated Output Capacity	1 kVA	Blower Power (Full Load)	0.75 kW (1 HP)(Based on 380VAC,50Hz)
Signal to Noise Ratio	Greater than 65 dB	Air Flow	0.1 m³/s (212 CFM)
Amplifier Efficiency	Greater than 90%	Air Pressure	1 kpa (0.15 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 Coil 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, 50Hz, 3Ph, 4kVA /4.5 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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