



DS2200/9-10 ELECTRO-DYNAMIC SHAKER SYSTEM

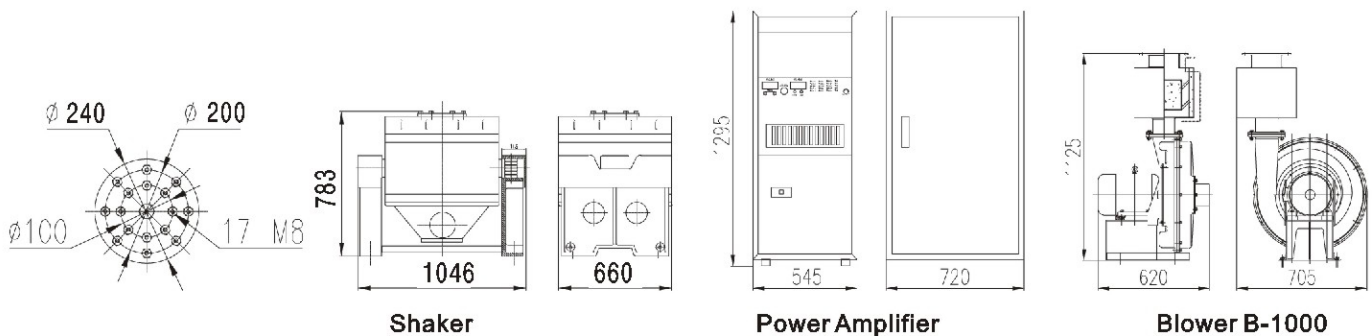
TECHNICAL SPECIFICATION

Shaker Specifications		DS2200/9	
Sine (Pk)	1,000 kgf (2,200 lbf)	Body Suspension Natural Frequency (Thrust Axis)	2.5 Hz
Random (RMS)	1,000 kgf (2,200 lbf)		
Shock (Pk)	2,000 kgf (4,400 lbf)	Table Diameter	240 mm (9.4")
Usable Frequency	5 to 3,000 Hz	Armature Effective Nominal Weight	10 kg (22 lbs)
Maximum Displacement(p-p)	51mm (2")		
Maximum Velocity	180 cm/s (70.9 in/s)	Load Attachment Points (Standard)	17 stainless steel M10 Inserts (UNC option)
Maximum Acceleration	100 g	Stray Flux Density @6 inch (152 mm) above table	< 1 mT (10 gauss)
Fundamental Resonance Frequency (Bare table)	2,400 Hz (nom.) ± 5%		
Vertical Load Support	300 kg (660 lbs)	Overall Dimensions	1046mmL×660mmD×783mmH (41.2" L×26.0" D×30.8" H)
		Weight of Shaker(Uncrated)	900 kg(1,980 lbs)

Power Amplifier Specifications SA-10		Blower Specifications B-1000	
Rated Output Capacity	10 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"> • 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, 21 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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