



DS-4400/17-20 AIR COOLED SHAKER SYSTEM

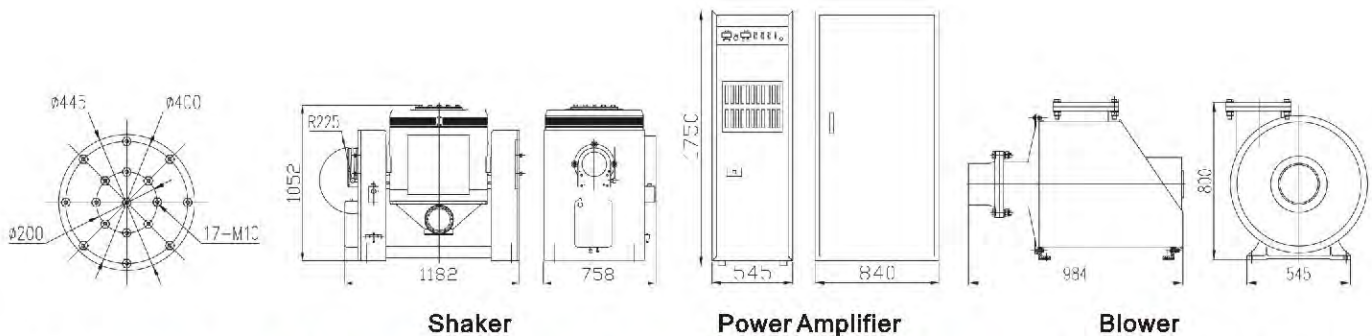
P.O. Box 7963, Northridge, CA 91327

Shaker Specifications DS4400/17			
Sine (Pk)	2,000 kgf (4,400 lbf)	Body Suspension Natural Frequency (Thrust Axis)	2.5 Hz
Random (RMS)	2,000 kgf (4,400 lbf)		
Shock (Pk)	4,000 kgf (8,800 lbf)	Table Diameter	445 mm (17.5")
Usable Frequency	5 to 2,800 Hz	Armature Effective Nominal Weight	28 kg (61.6 lbs)
Maximum Displacement(p-p)	51mm (2")		
Maximum Velocity	200 cm/s (78.7 in/s)	Load Attachment Points (Standard)	17 stainless steel M10 Inserts (UNC option)
Maximum Acceleration	70 g	Stray Flux Density @6 inch (152 mm) above table	< 1 mT (10 gauss)
Fundamental Resonance Frequency (Bare table)	2,600 Hz (nom.) ± 5%		
Vertical Load Support	300 kg (660 lbs)	Overall Dimensions	1182mmL×758mmD×1052mmH (46.5" L×29.8" D×41.4" H)
		Weight of Shaker(Uncrated)	1,700 kg(3,740 lbs)

Power Amplifier Specifications SA20		Blower Specifications B-2000LN	
Rated Output Capacity	20 kVA	Blower Power (Full Load)	7.5 kW (10 HP)(Based on 380VAC,50Hz)
Signal to Noise Ratio	Greater than 65 dB	Air Flow	0.71 m³/s (1,508 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 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	380VAC, 50 Hz, 3Ph, 42 kVA (All kinds of Power supply are optional)		
Compressed Air Requirement	0.6 Mpa (87 psi)	• Remote Control	• Fixture

※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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