

Shaker Specifications DS4400/13			
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	320 mm (12.6" )
Usable Frequency	5 to 3,000 Hz	Armature Effective Nominal Weight	20 kg (44 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	100 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)	1,695 kg(3,729 lbs)

Power Amplifier Specifications SA-20		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"> <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 Coll 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, 50 Hz, 3Ph, 42 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.

