



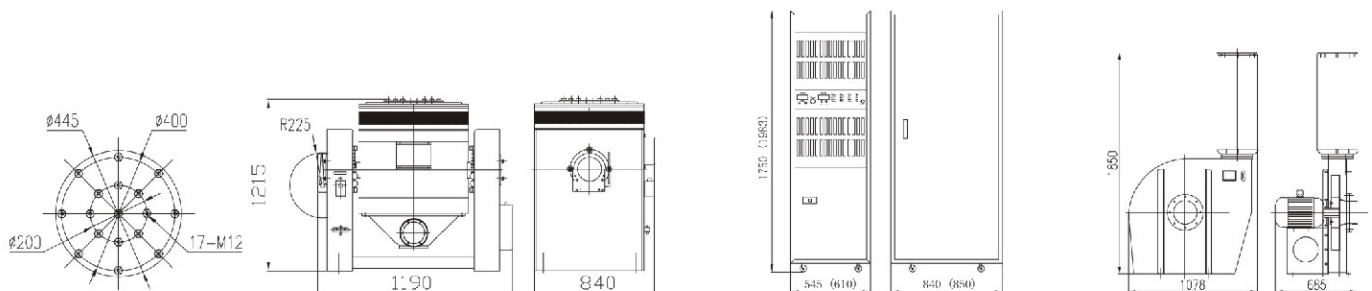
DS-9000LS 100% AIR COOLED LONG STROKE SHAKER

Shaker Specifications DS-9000LS			
Sine (Pk)	4000kg/8800 lbf	Body Suspension Natural Frequency (Thrust Axis)	2.5 Hz
Random (RMS)	4000kg/8800 lbf		
Shock (Pk)	8000kg/17,600lbf	Armature Effective Nominal Weight	45kg / 99 lbs
Usable Frequency	5 to 2,600 Hz		
Maximum Displacement(p-p)	100mm (4")	Load Attachment Points (Standard)	28 stainless steel M10 Inserts (UNC option)
Maximum Velocity	180 cm/s (70.9 in/s)	Stray Flux Density @6 inch (152 mm) above table	< 1 mT (10 gauss)
Maximum Acceleration	75g/90g		
Fundamental Resonance Frequency (Bare table)	2,400 Hz (nom.) ± 5%	Overall Dimensions	1190mmL × 840mmD × 1215mmH (46.9" L × 33.1" D × 47.8" H)
		Weight of Shaker (Uncrated)	2540 kg (5,478 lbs)
Vertical Load Support	500 kg (1,100 lbs)	Auto Centering System	• MPCS
Table Diameter	445 mm (17.5")		

Power Amplifier Specifications SA40		Blower Specifications B5000	
Rated Output Capacity	40 kVA	Blower Power (Full Load)	15 kW (20 HP) (Based on 380VAC, 50Hz)
Signal to Noise Ratio	Greater than 65 dB	Air Flow	1.1m ³ /s (2,336 CFM)
Amplifier Efficiency	Greater than 90%	Air Pressure	7.7 kpa (1.12 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	460V; 3 Ph; 60 Hz; 92 Amps (All kinds of Power supply are optional) 73 KVA		• 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.