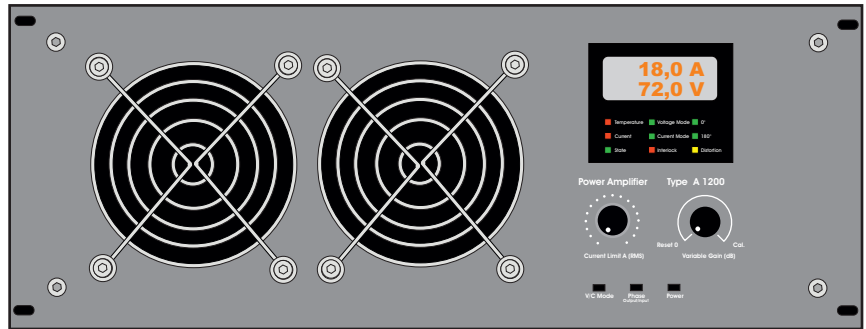


# Inertial Vibration System

## Type 435 HV



### TECHNICAL SPECIFICATION INERTIAL VIBRATION SHAKER TYPE 435 HV

Rated peak force (N   lbf)	Sine/Random	435/300	98/68
Frequency range (Hz)		DC-1800	DC-1800
Max. rated travel (mm   inch)	Pk-Pk	9	0.4
Max. velocity (m/sec   inch/sec)	Sine/Random	1.4/1.4	55/55
Max. acceleration (g)	Sine/Random	2.6/1.8	2.6/1.8
Suspension stiffness (N/mm   lbf/inch)		52	297
Effective moving mass (kg   lb)		0.66	1.46
Weight (kg   lb)		17	37.5
Coupling Thread (ø/mm)		M12	M12

### TECHNICAL SPECIFICATION AMPLIFIER TYPE A 1200

Continuous sine output power (VA)		1200	1200
Frequency range at small signal (Hz)		DC-50000	DC-50000
Frequency range at full power (Hz)		40-10000	40-10000
Max. voltage (V)		72	72
Max. current (A)		18	18
Max. power consumption at 230 V (kVA)	Amplifier/Blower	1.20/1.4	1.20/1.4
Optimum impedance (Ohm)		4	4
Nonlinear harmonic distortion factor		< 0.1 %	< 0.1%
Max. Input voltage (V)		5	5
Noise and hum (dB)		> 90	> 90
Dimensions WxHxD (mm   inch)		482 x 176 x 593	19 x 6.9 x 23.3
Weight (kg   lb)		40	88.2
Protection circuits	Current limiting, Temperature control, Clipping		

### TECHNICAL SPECIFICATION BLOWER TYPE SB 0140

Max. volume flow (m³/h   ft³/min)		140	82.4
Max. total pressure difference (hPa   psi)		120	1.74
Power (KW)		1.1	1.1
Hose diameter (mm   inch)		50	1.97
Weight (kg   lb)		16	35.3
Dimensions WxHxD (mm   inch)		287 x 305 x 258	11.3 x 12 x 10.2