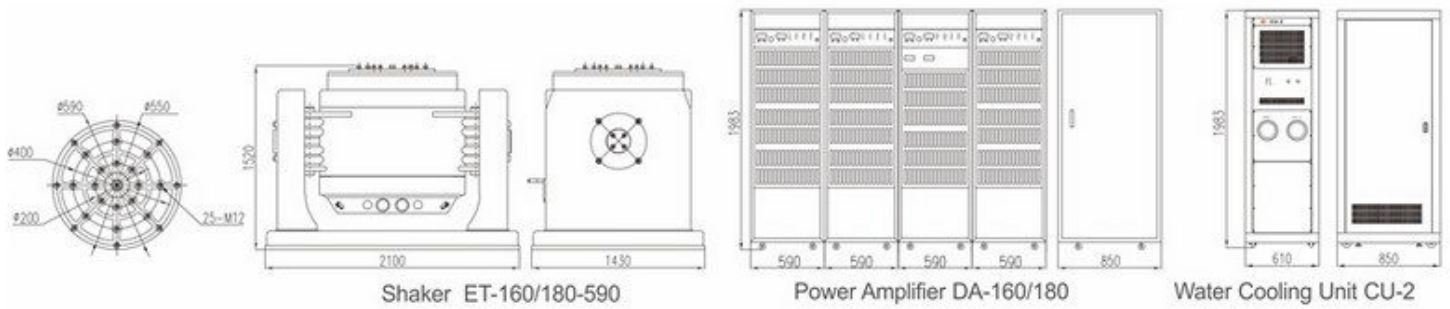


System Model	ES-160-590	
System Performance	Metric	British
Rated Random/Sine Force	160 kN	35000 lbf
Rated Shock Force	320/480* kN	71000/107000* lbf
Usable Frequency	2-2200 Hz	
Maximum Velocity	2/2.5* m/s	78.7/98.4* in/s
Maximum Acceleration	1000 m/s ²	100 g
Maximum Payload	1600 kg	3527 lbs
Maximum Displacement p-p	51 mm	2 in
Resonance Frequency	1800Hz±5%	
Shaker Model	ET-160	
Mass of Moving Elements	140 kg	308 lbs
Armature Diameter	590 mm	23.2 in
Weight	About 11000 kg	About 24251 lbs
Body Suspension Natural Frequency	2.5 Hz	2.5 Hz
Dimension L×W×H	2100×1430×1520 mm	82.7×56.3×59.8 in
Power Amplifier Model	DA-160	
Power	160 kVA	
Power Supply Requirement	230kVA	
Weight	About 2600 kg	About 5732 lbs
Dimension L×W×H	2360×850×1983 mm	92.9×33.5×78 in
Cooling Type	Water Cooling	
Cooling Unit Model	CU-2	
Internal Circle Water Flow (Distilled Water)	80 L/min	17.6 gal/min
Internal Circle Water Pressure (Distilled Water)	1 Mpa	145 psi
External Circle Water Flow (City Water)	160 L/min	35.2 gal/min
External Circle Water	0.25~0.4 Mpa	36-58 psi

Pressure (City Water)		
Water Pump Power (Internal/External)kW	8/4 kW	
Distilled Water Requirement	Hardness 30ppm, PH7~8, Conductivity 1Us/cm	
Unit Weight (kg)	About 300 kg	About 661 lbs
Dimension L×W×H	610×850×1983 mm	24×33.5×78 in



NOTE: In keeping with our commitment to continuous product improvement, the information herein is subject to change.
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