



DS6600LS/17-30 LONG STROKE SHAKER SYSTEM FOUR INCHES OF DISPLACEMENT

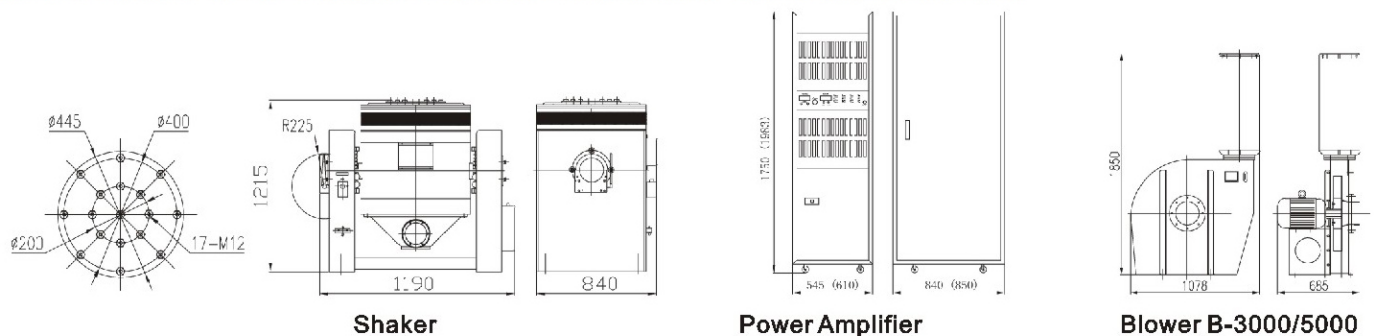
TECHNICAL SPECIFICATION

| Shaker Specifications DS6600LS/17 | | | |
|--|------------------------|---|--|
| Sine (Pk) | 3,000 kgf / 6,600 lbf | Body Suspension Natural Frequency (Thrust Axis) | 2.5 Hz |
| Random (RMS) | 3,000 kgf / 6,600 lbf | | |
| Shock (Pk) | 6,000 kgf / 13,200 lbf | Armature Effective Nominal Weight | 40 kg (88 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 | 75 g/ 90 g | | |
| 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 SA-30 | | Blower Specifications B-3000 | |
|--|---|------------------------------|----------------------------------|
| Rated Output Capacity | 30 kVa | Blower Power (Full Load) | 7.5 kW (10 HP) |
| Signal to Noise Ratio | Greater than 65 dB | Air Flow | 0.46 m ³ /s (977 CFM) |
| Amplifier Efficiency | Greater than 90% | Air Pressure | 8.6 kpa (1.28 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 | 380 VAC, 50Hz, 3Ph, 48 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.



NOTE: In keeping with our commitment to continuous product improvement, the information herein is subject to change.
 DYNAMIC SOLUTIONS • P.O. BOX 7963 • NORTHRIDGE, CA 91327 • WWW.DYNSOLUSA.COM
 818.831.0832 (P) • 818.831.0842 (F) • sales@dynsolusa.com (E)