NEBS GR-63
Test Systems

Currently 15 systems in the field including:
- Alpha Technology
- NTS
- Garwood Laboratories
- Curtis Strauss Laboratory
- TRW
- ITS/TestMark Labs
- Dayton T. Brown
- Huawei Communications
- SMQ Laboratories
- Environ Laboratories
- MET Laboratories
- Quanta Laboratories

Features
- Quick, Easy Change-over from Horizontal to Vertical Modes with Trunnion Mounted Shaker
- Performs 100% of NEBS GR-63 CORE Vibration Specifications
- Available in combined trunnion mount, or separated dual actuator system

Applications
- Telephone Switch Gear
- Internet Routers, Switches, etc.
- Uninterrupted Power Supplies (UPS)
- Optical Switches
- All velocity tests of heavy payloads
- All NEBS GR-63 test requirements
Specifications

**Shaker System**
- 0-500 Hz performance
- 10.5 in. (266mm) Dynamic Peak-Peak Displacement
- 40 ips (1.0 m/sec) Peak Velocity
- Accurate VERTEQ II Waveform replication
- Trunnion mounted or separated systems

**810.5/7.5 Hydrostatic Bearing Actuator**
- 15,000 lb (66.7kN) Dynamic Force
- 10.5 in. (266mm) Dynamic Stroke
- 12.0 in. (300mm) Static Stroke
- Internal LVDT Position Transducer
- Horizontal and Vertical Mounting

**483.48-16 T-Film Slip Table**
- 0-500 Hz performance
- Magnesium Slip Table
- 12in (300mm) long stroke
- T-Film™ bearings
- 3.6 x 10^6 lb-in. Pitch and Roll capacity
- 48 x 48 in. (1.2m x 1.2m) working surface
- Customer specified pattern of threaded steel inserts

**SMP-48 Head Expander**
- 0-500 Hz performance
- Welded Magnesium Vibration Table
- 48in. x 48in. (1.2m x 1.2m) working surface
- Customer specified pattern of threaded steel inserts

**Control System**
- 2208 Voice Coil Valve Driver
- 1510-D Sequential Pump Controller
- PC-based Shaker Control System

**HPS 265 Hydraulic Power Supply**
- Complete hydraulic system with required
- Interlocks and sensors for remote operation
- 68 gpm (257 lpm) @ 3,000 psi
- Facility requirements: 480VAC, 3 Phase, 60 Hz, .225 Amp electrical service, 35 gpm (132 lpm) @ 75°F water flow for cooling.