

NEBS GR-63

Test Systems

Systems
&
Solutions

Engineered
vibration testing
solutions for
improved
product quality.

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Features:

- Quick, easy change-over from horizontal to vertical modes with trunnion mounted shaker
- Performs 100% of NEBS GR-63 CORE vibration specifications

Applications:

- Telephone switch gear
- Internet routers, switches, etc.
- Optical switches
- Uninterrupted power supplies (UPS)

Customers:

Currently 15 systems in the field including...

- **NTS Fullerton**
- **Garwood Laboratories**
- **Curtis Strauss Laboratory**
- **TRW**
- **ITS/TestMark Labs**
- **Dayton T. Brown**

Sample Specifications

Shaker System

- 0-500 Hz performance
- 10.5 inch Peak-Peak Displacement
- 40 inches per second Peak Velocity
- Accurate VERTEQ II Waveform replication
- Trunnion mounted

SMP-48 Vertical Vibration Table

- 0-500 Hz performance
- Welded Magnesium Vibration Table
- 48 x 48 in. working surface
- Customer specified grid of threaded steel inserts

810.5/7.0 Hydrostatic Bearing Actuator

- 14,000 lbf Dynamic Force
- 10.5 inch Dynamic Stroke
- 12.0 in. Total Stroke
- Internal LVDT Position Transducer
- Horizontal and Vertical Mounting

HPS-265 Hydraulic Power Supply

- Complete hydraulic system with required interlocks and sensors for remote operation
- 68 gpm @ 3,000 psi
(Facility requirements: 480VAC, 3 Phase, 60 Hz., 225 Amperes electrical service, 35 gpm @ 80°F water flow)

483.48-16 T-Film Slip Table System

- 0-500 Hz performance
- Magnesium Horizontal Slip Table
- 16 T-Film™ bearings
- 300,000 ft-lbs. Pitch and Roll capacity
- 48 x 48 in. working surface
- Customer specified grid of threaded steel inserts

Control System

- 2240 Voice Coil Valve Driver, 1510-D Sequential
- Pump Controller, PC-based Shaker Control System

