

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

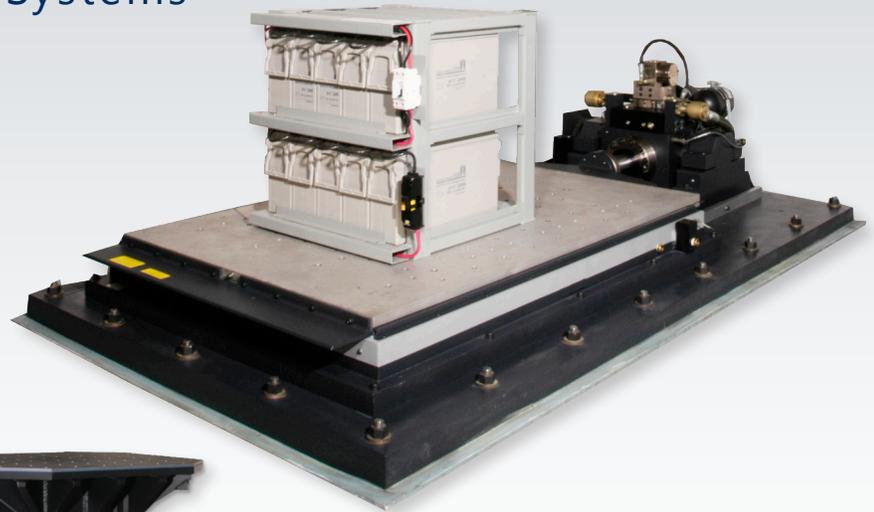
Huawei Communications

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 10⁶ 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

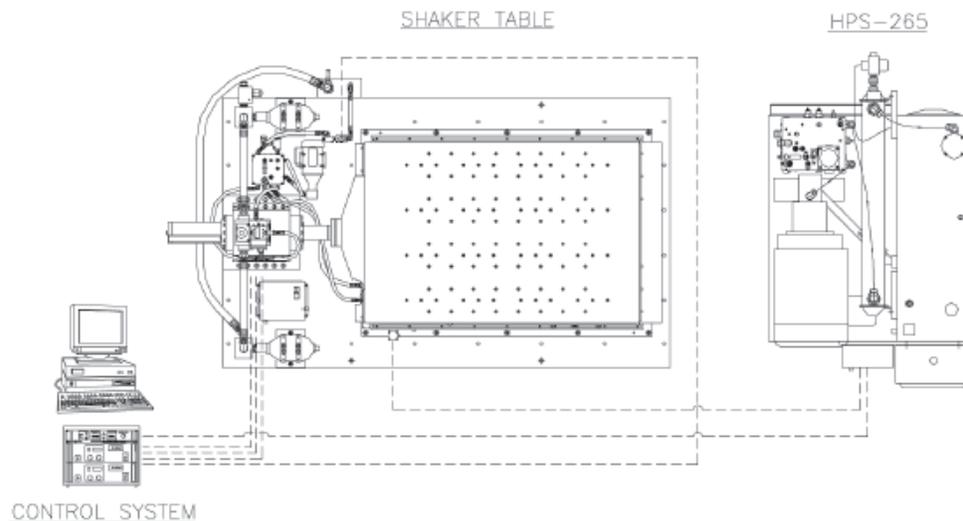
0-500 Hz performance
Welded Magnesium Vibration Table
48in. x 48in. (1.2m x 1.2m) working surface
Customer specified pattern of threaded steel inserts

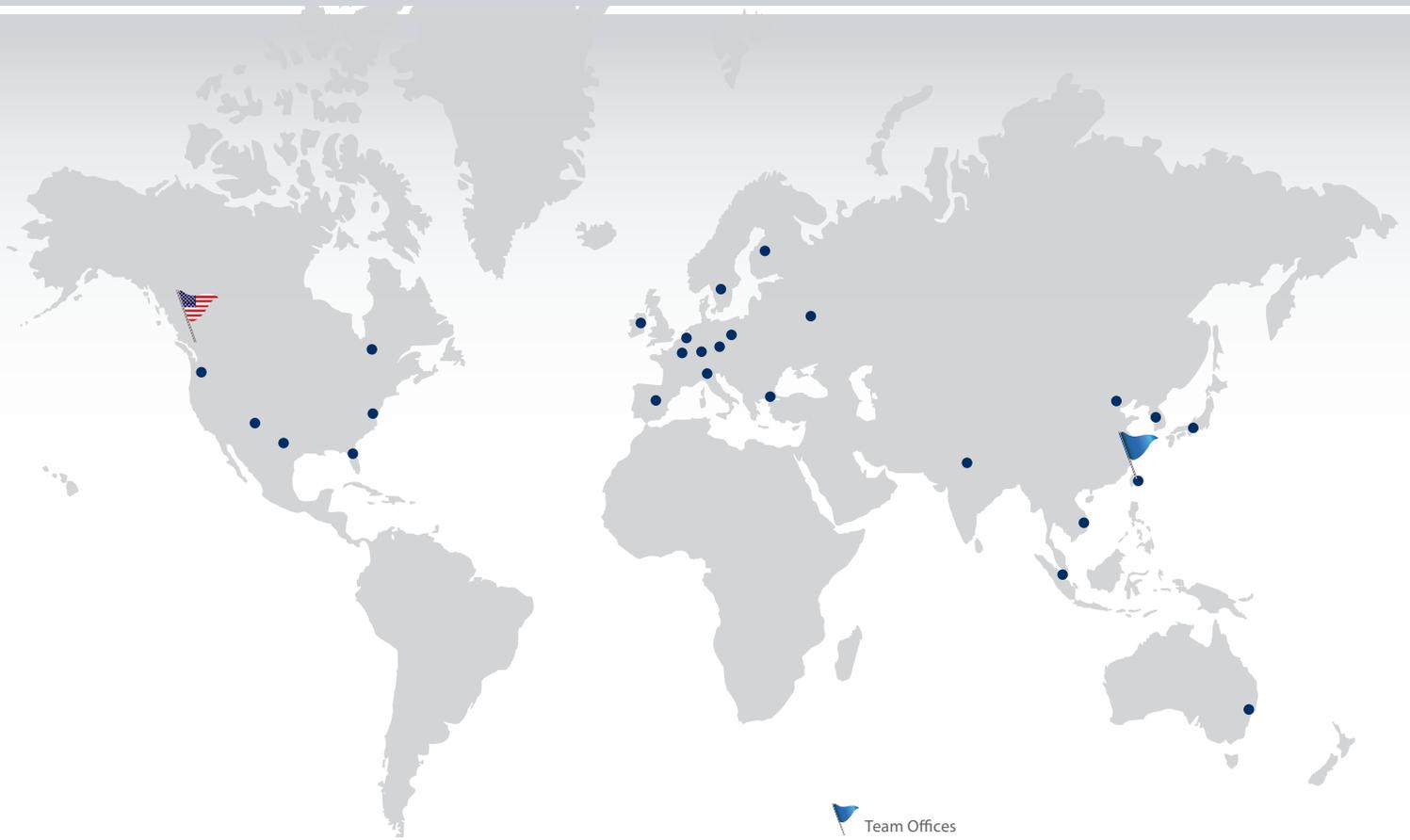
Control System

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.





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