



PART NUMBER: 971-5001(ELECTRONIC)

STANDARD FEATURES

Electronic Console with PC controller
Vibration Table
Ovtt Base Assembly

WORK SPACE

20" w x 20" d x 9.5" h
(508 x 508 x 241mm)

TABLE SIZE

18" x 18"
(457 x 457mm)

OUTER DIMENSIONS

27" w x 35" d x 22" h
(685 x 889 x 559mm)

ACCELERATION

Over 50 GRMS
**Higher GRMS available by special order*

AIR REQUIREMENTS

30 SCFM AT 90 PSI

TABLE CAPACITY

Recommended 50lbs (22.68kg)
Maximum* 100lbs (45kg)
**may require custom options*

4 ACTUATORS

POWER REQUIREMENTS

120VAC/220-240
3A 50/60Hz

OVTT

OMNI-DIRECTIONAL VIBRATION TABLE

The OVTT™, Omni-Directional Vibration System, is the first stand-alone, compact, repetitive-shock vibration system on the market. The OVTT system is ideal for quick evaluation of field returns, repair verification and random vibration test of small products. The OVTT utilizes Qualmark's patented six-degree-of-freedom vibration technology, and is designed with reduced air requirements and low noise levels. The OVTT system can be easily configured for placement inside a thermal chamber for combined stress tests.

ACCESSORIES

HALT FIXTURE KIT

CALIBRATION KIT

METAL COVER

QUALMARK SPECTRUM ANALYZER

VIBRATION MONITOR

GHI SPECTRUM & FATIGUE ANALYZER

PCA QUICK RELEASE FIXTURE

PCBV ADHESIVE-MOUNT ACCELEROMETER KIT

CE CERTIFICATION

OVTT™ Features



Applications

- Quick Evaluations for Field Returns
- Spot Checks on Pre and Post Product Release Designs
- Allows Reduced Burn-in Time
- Vibration Audits
- Mounts Into Most Environmental Chambers (With Cover And Console Removed) for combined Temperature And Vibration Testing.
- Depot Repair and Engineering Development
- Production Line Screening

Vibration Features

| | |
|--------------------|--|
| Table Top | 18" x 18" (457mm x 457mm) |
| Table Top Hardware | (25) Threaded Holes 3/8-16 On 4" (102mm) Centers (M10 Optional) |
| Table Capacity | Recommended 50 lbs. (22.68kg) Maximum* 100lbs (45kg) *may require custom options |
| Vibration Range | 50 Grms (10Hz to 5khz) |

Interior Features

| | |
|-----------------------|-----------------|
| Interior Construction | Stainless Steel |
|-----------------------|-----------------|

Exterior Features

| | |
|-------------------------|---|
| Exterior Dimensions | 27"w x 35"d x 22"h (with console) (685x889x559mm) 27"w x 27"d x 22"h (without console) (685 x 685 x 559mm) |
| External Construction | Painted Steel |
| Hinged Top | Quarter Release Hinges |
| Electrical Requirements | 120/220-240 Volts, 50/60 Hz With Optional Controller |
| Air Requirements | 30 SCFM Max @ 90 PSI |
| Safety Switch | Manual Air Shut Off |
| Sound Level | Nominally 76 dB (A) at 1 meter |
| Cable Ports | 2" Diameter (1) |

Temperature Range with a Thermal Chamber

+5°C To +40°C With Cover And Console
-50°C To +150°C Without Cover Or Console

Included

1 Year Warranty
Operations & Maintenance Manual
One Accelerometer for Table Control Provided; and
(3) additional accelerometer input channels available.
(1) 10 ft Accelerometer Cable