



PART NUMBER: 971-5001

STANDARD FEATURES

ELECTRONIC CONSOLE
VIBRATION TABLE
OVTT BASE ASSEMBLY

WORK SPACE

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

OUTER DIMENSIONS

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

AIR REQUIREMENTS

30 SCFM AT 90 PSI

4 ACTUATORS

TABLE SIZE

18" x 18"
(457 x 457mm)

ACCELERATION

Over 50 G

TABLE CAPACITY

50 lbs (22.7 KG)

POWER REQUIREMENTS

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

OVTT™

OMNI-DIRECTIONAL VIBRATION TABLE

The first low cost, Omni-Directional Vibration System OVTT™ is the first portable, compact, repetitive-shock, stand-alone, vibration system on the market. The OVTT system is ideal for quick evaluation of field returns, repair verification and random vibration test of small product. The OVTT utilizes Qualmark's patented Six-Degree-of-Freedom vibration technology, and designed with reduced air requirements and low noise levels, making it efficient and inexpensive to use. 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

OVTT™ Features

Applications

- Quick evaluations for field returns
- Spot checks on pre and post product release designs
- Allows reduced burn in time
- Vibration audits
- For long term fatigue testing
- Mounts into most environmental chambers (with cover and console removed) for combined temperature and humidity 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
Vibration	ASX Actuator
Table Capacity	Recommended 50 lbs. (22.68kg) Maximum* 100lbs (45kg) <i>*may require custom options</i>
Vibration Range	50 Grms (10Hz to 5kHz) 60 Grms (10 HZ to 1kHz)

Interior Features:

Interior Construction	304 Stainless Steel
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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	Powder Coated Stainless Steel
Hinged Top	Clear Plastic PETG
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:

-50°C +150°C without cover or console
+5°C to +40°C with cover and console

Humidity Limits:

0 to 100% non condensing without cover and console

Included:

1 year warranty
Operations & Maintenance Manual
Air Regulator, Pressure Guage and Filter (Manual Console)
Table Control Accelerometer and Cable (Electronic Console)