



# OVRTT™

OMNI-DIRECTIONAL VIBRATION TABLE



PART NUMBER: 971-5001

### STANDARD FEATURES

- ELECTRONIC CONSOLE
- VIBRATION TABLE
- OVRTT 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 G

### AIR REQUIREMENTS

30 SCFM AT 90 PSI

### TABLE CAPACITY

50 lbs (22.7 KG)

### 4 ACTUATORS

### POWER REQUIREMENTS

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

The first low cost, Omni-Directional Vibration System OVRTT™ is the first portable, compact, repetitive-shock, stand-alone, vibration system on the market. The OVRTT system is ideal for quick evaluation of field returns, repair verification and random vibration test of small product. The OVRTT 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 OVRTT 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



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### 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) *may require custom options
Vibration Range	50 Grms (10Hz to 5kHz) 60 Grms (10 HZ to 1kHz)

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### 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)

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### Temperature Range:

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

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### Humidity Limits:

0 to 100% non condensing without cover and console

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### Included:

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