

## Double Tables Vibration Test System



### Introduction

Vibration system is the important test device for product reliability.

TCT Vibration system is widely used in production industry and aerospace industry in China.

Mostly, we produced the vibration system according to the customer's details requirements.

### Using Areas

- |                      |                                |
|----------------------|--------------------------------|
| ➤ Aerospace industry | ➤ IT industry                  |
| ➤ Auto industry      | ➤ Household appliance industry |
| ➤ Military fields    | ➤ Others                       |

### The advantages of TCT Double Tables Vibration Test System

- More vibration modes: Random vibration, Sine vibration, Combination vibration.
- The waveform distortion is smaller, the load capacity is larger.
- Using more famous components, the performance is better
- 1 year warranty period for machine + 3 years free providing for spare parts

### Production Standards

- GJB standards
- IEC standards
- MIL Standards

### Common Specifications

Sine Random Thrust	10 ~ 75KN
Table Diameter	240 ~ 440mm
Maximum Continuous Speed	2.0 m/s
Maximum Acceleration	1000 m/s <sup>2</sup>
Maximum Continuous Displacement	51mm
Maximum Loading	50 ~ 1000 Kg
Frequency Range	DC – 2.0 / 3.5kHz

 **Standard Model**

Model	R0100SVH		R0220SVH		R0320SVH	
Push (Kn)	10.0		22.0		32.0	
Acceleration (m/s <sup>2</sup> )	1000		1000		1000	
Speed (m/s)	2.0		2.0		2.0	
Displacement (mm)	51		51		51	
Table Facet Diameter (mm)	240		335		440	
Moving Coil Mass (kg)	10		22		32	
Frequency Range (Hz)	DC-3500		DC-3500		DC-3000	
Power Amplifier Model	GF0200K		GF0400K		GF0500K	
Horizontal Sliding Table Model	SP600	SP750	SP600	SP750	SP750	SP900
Sliding Plate Size (mm <sup>2</sup> )	600	750	600	750	750	900
Using Frequency Upper Limit (Hz)	2000		2000		2000	
Roundness Table Model	CL440	CL640	CL440	CL640	CL640	
Roundness Table Diameter (mm)	440	640	440	640	640	
Square Table Model	SQ600	SQ750	SQ600	SQ750	SQ750	SQ900
Square Table Size (mm <sup>2</sup> )	600	750	600	750	750	900

 **Standard Model**

Model	R0500SVH		R0600SVH		R0750SVH	
Push (Kn)	50.0		60.0		75.0	
Acceleration (m/s <sup>2</sup> )	1000		1000		1000	
Speed (m/s)	2.0		2.0		2.0	
Displacement (mm)	51		51		51	
Table Facet Diameter (mm)	440		440		440	
Moving Coil Mass (kg)	50		60		75	
Frequency Range (Hz)	DC-2500		DC-2500		DC-2300	
Power Amplifier Model	GF0800K		GF1000K		GF1300K	
Horizontal Sliding Table Model	SP900	SP1200	SP900	SP1200	SP900	SP1200
Sliding Plate Size (mm <sup>2</sup> )	900	1200	900	1200	900	1200
Using Frequency Upper Limit (Hz)	2000		2000		2000	
Roundness Table Model	CL640		CL640		CL640	
Roundness Table Diameter (mm)	640		640		640	
Square Table Model	SQ900	SQ1200	SQ900	SQ1200	SQ900	SQ1200
Square Table Size (mm <sup>2</sup> )	900	1200	900	1200	900	1200

**If you have the more requirements, please contact us!**