Big Table 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 Big Table Vibration Test System

- ➢ More vibration modes: Random vibration, Sine vibration, Combination vibration.
- ➢ The waveform distortion is smaller, the lead 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	2.0 ~ 75KN
Table Diameter	142 ~ 640mm
Maximum Continuous Speed	2.0 m/s
Maximum Acceleration	539 ~ 1000 m/s2
Maximum Continuous Displacement	25.4 ~ 51mm
Maximum Loading	50 ~ 1000 Kg
Frequency Range	DC – 2.5 / 5kHz

Standard Model					
Model	R0020L	R0030L	R0060L	R0100L	R0220L
Push (Kn)	2.0	3.0	6.5	10.0	22.0
Acceleration (m/s2)	883	588	1000	686	539
Speed (m/s)	2.0	2.0	2.0	2.0	2.0
Displacement (mm)	25.4	25.4	38.5	51	51
Table Facet Diameter (mm)	142	230	250	325	510
Max Loading (kg)	50	100	120	150	300
Moving Coil Mass (kg)	2.2	5.1	6.5	14	40
Frequency Range (Hz)	DC-5000	DC-5000	DC-4000	DC-4000	DC-3000
Body Weight (kg)	200	360	650	1139	1867

Standard Model				
Model	R0320L	R0500L	R0600L	R0750L
Push (Kn)	32.0	50.0	60.0	75.0
Acceleration (m/s2)	588	539	588	637

Speed (m/s)	1.8	1.8	2.0	2.0
Displacement (mm)	51	51	51	51
Table Facet Diameter (mm)	560	640	640	640
Max Loading (kg)	500	1000	1000	1000
Moving Coil Mass (kg)	54	91	110	110
Frequency Range (Hz)	DC-2500	DC-2500	DC-2500	DC-2500
Body Weight (kg)	2806	3577	3050	4971

If you have the more requirements, please contact us!