

Electromagnetic High Frequency Vibration Testing Table

Application:

It simulates the various vibrational effects encountered by the product in transportation, installation, and use environments to determine whether the product can withstand various environmental vibrations. It is widely used in defense, military, aviation, shipbuilding, optoelectronics, instrumentation, electronics, automobiles, research institutes, testing institutions and other industries.

Test standard:

ISO、UL、GB、EN、DIN、JIS、CNS、CE、IEC、BS,etc.



Features:

- The base of the machine is made of high-quality materials, easy to install and run smoothly
- There are many functions such as frequency modulation, frequency sweeping, programmable, amplitude modulation, time control, etc
- Strong anti-magnetic and anti-interference ability; safe and reliable protection

Specification:

型号 Model	YEV-300	YEV-600	YEV-1000	YEV-2000	YEV-3000
额定激振力 Rate sine force (N)	2940N	5880N	9800N	19600N	29400N
额定频率范围 Rated frequency rage (Hz)	5Hz-4000Hz	5Hz-3000Hz	5Hz-3000Hz	5Hz-3000Hz	5Hz-2500Hz
额定加速度空载 Rated acceleration Empty load (m/s ²)	980m/s ² (100g)	980m/s ² (100g)	1175m/s ² (120g)	980m/s ² (100g)	980m/s ² (100g)
额定速度 Rated speed (m/s)	1.8m/s	1.8m/s	2.0m/s	2.0m/s	1.5 m/s
额定位移 Rated replacement (mmp-p)	25mm(p-p)	25mm(p-p)	50mm(p-p)	51mm(p-p)	51mm(p-p)
最大载荷 Max.testing load (kg)	120kg	200kg	120kg	300kg	500kg
功率放大器 Power amplifier	KA-3	KA-5	KA-12	KA-15	KA-30
最大输出功率 Max.output (kVA)	3kVA	5kVA	12kVA	20kVA	30kVA
运动部件有效质量(垂直台) Weight of moving part for vertical table (kg)	2.7kg	5.5kg	8.4kg	18kg	25kg
消耗功率 Consumption power (kVA)	4kVA	9.7kVA	20kVA	30kVA	40kVA
信噪比 Signal-to-noise ratio	≥65dB				
输入信号电压 Input signal voltage	≤1.5ms				
输入阻抗 Input resistance	≥15VkΩ				
冷却方式 Cooling way	冷风,Air cooling				
连续工作时间 Continuous working time	8h				
工作环境 Operation environment	温度: 0-40℃ ;湿度: ≤90%RH (25℃) Temperature: 0-40℃ ; Humidity: ≤90%RH (25℃)				
电源Power supply	AC 3 phrases 50Hz 380V ± 10%				
保护功能 Protective function	电网过压保护 Grid overvoltage protection、模块过热保护 Module overheat protection				
	系统故障保护 System fault protection、电网欠压保护 Grid undervoltage protection				
	输出过电流保护 Output overcurrent protection、外接保护 External protection、过位移保护 Overdisplacement protection				
	输出过电压保护 Output overvoltage protection、零信号保护(复位) Zero signal protection (reset)				
	台体过热保护 Substrate overheat protection、模块过电流保护 Module overcurrent protection				
	漏电保护 Leakage protectio				

Drop Testing Machine

Application :

It is mainly used to simulate the free fall impact of products during transportation and handling, and to examine the ability of products to resist accidental impact. Drop testing machine is a machine designed to test the damage of the product package from falling and to evaluate the impact strength during transportation and handling.

Features:

This machine can test the surface, angle and edge of the package freely. It is equipped with a digital display height indicator and a decoder for high tracking. Therefore, the product can be accurately dropped and the error with the preset drop height is not exceede 2% or 10mm. This machine adopts single-arm and double-column structure, with electric reset, electric control drop and electric lifting device, which is convenient to use. Its unique hydraulic buffering device greatly improves the service life, stability and safety of the machine. The single arm setting makes it easy to place the product. The angle error between the impact angle impact surface and the bottom plate plane is less than or equal to 5.



Specification:

型号 Model	YDT-150A	YDT-200A	YDT-150B	YDT-200B
类型 Type	单臂支撑试样 Single arm lifting			
测试高度 Test Height	30-150cm	30-200cm	300-150cm	300-200cm
试件最大尺寸 Max. size of specimen	100x100x80cm			
试件最大重量 Max. weight of specimen	85kg			
外形重量 Overall weight (approx.)	约480kg	约550kg	约480kg	约550kg
外形尺寸 Overall size	150x100x225cm			
冲击面板尺寸 Baseplate size	150x100x2cm			
控制方式 Control mode	电子控制箱 Electronic control box			
高度显示器 Height indicator	LCD显示屏显示跌落高度 LCD display shows drop height			
高度调整 Height adjustment	伺服电机精确控制导 Servo motor precision control			
缓冲类型 Buffer type	油压吸收 Oil pressure absorption			
电源 Power supply	AC 1Ψ 220V/60/50Hz			