

SK 506 振动台

产品规格书

SK 506 Shaker

Product Specification

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产品简介

SK 506 振动台

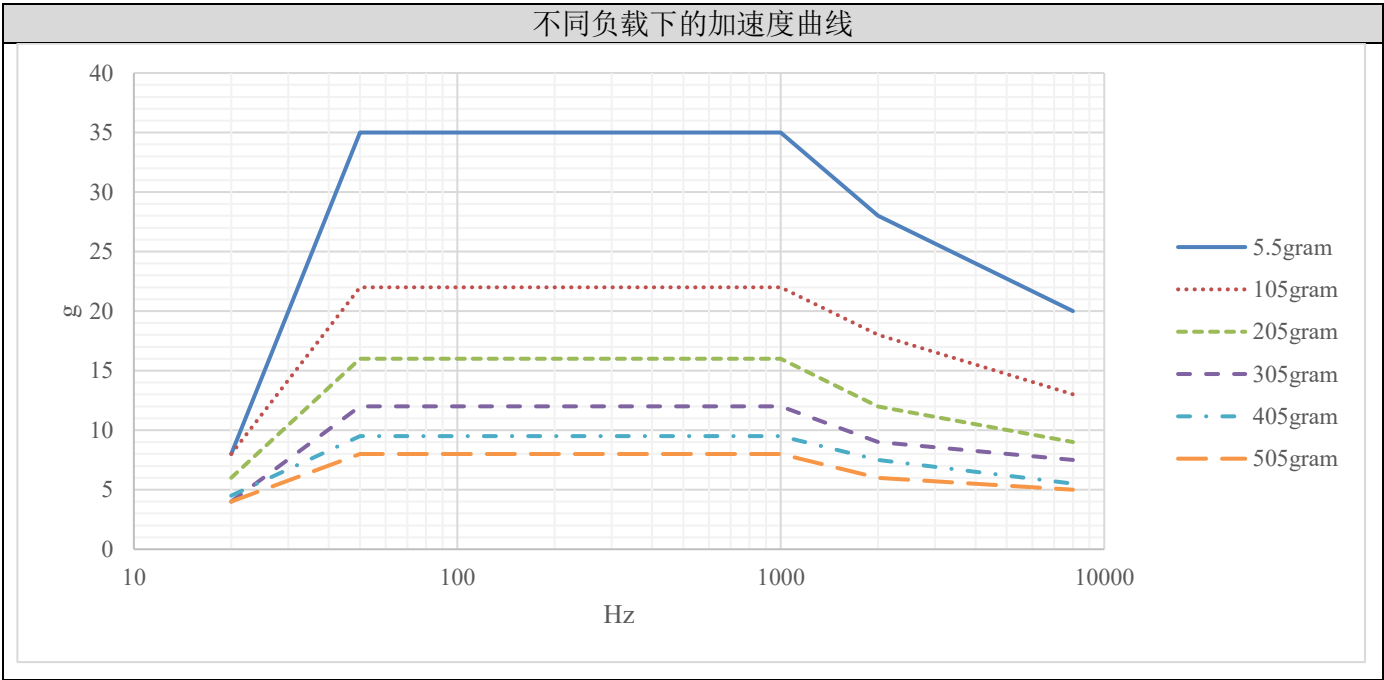


SK 506 是一款设计用于小型振动台使用的振动台，适用适用于加速度计校准、小物体振动实验、机械阻抗测量、实验模态分析。

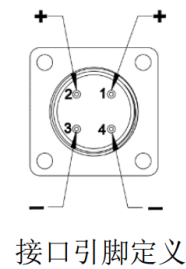
规格参数

整体参数	
额定出力（峰值） 正弦/随机	50N
最大振幅	± 7.5 mm
最大加速度	35 g
最大输入电流	≤18Arms
频率范围	20Hz - 8kHz
一阶共振频率	<90Hz
动圈直流电阻	0.7Ω ± 0.1Ω
力常数(N/A)	3.1
横向振动	≤10%
可动部件质量	0.155kg
外形尺寸(mm)	Φ138× 172
安装孔尺寸(mm)	152×128 /4-Φ8
重量	8.1 Kg
输出方式	顶杆
连接方式	M5
弹性支撑刚度(N/mm)	3
强迫风冷	无
非线性	≤3%（对最大激振力）
工作温度	-30 °C - +70 °C

SK 506-不同负载下的加速度曲线以及推力曲线



单位: mm



Product introduction

SK 506 Shaker

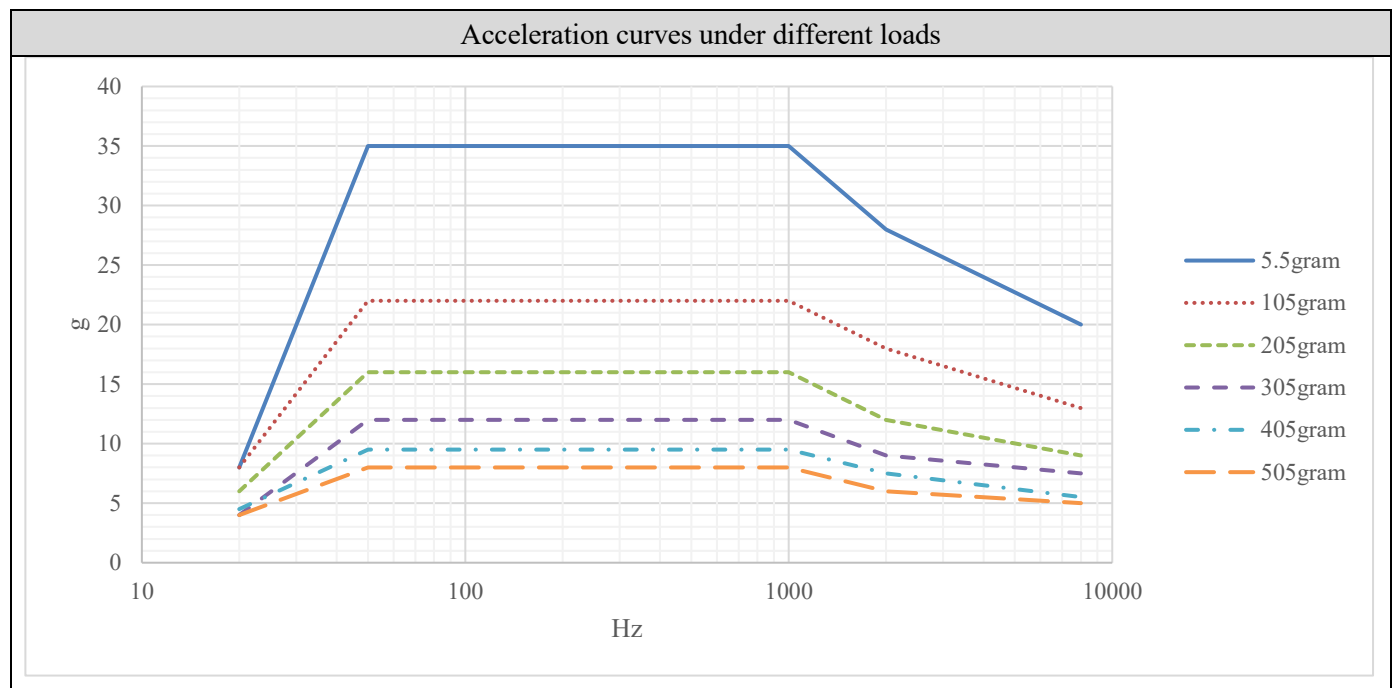


SK 506 is a vibration table designed for use with small shaker, suitable for Accelerometer calibration 、 Vibration testing of small objects、 Mechanical impedance measurements、 Experimental modal analysis.

Specification parameters

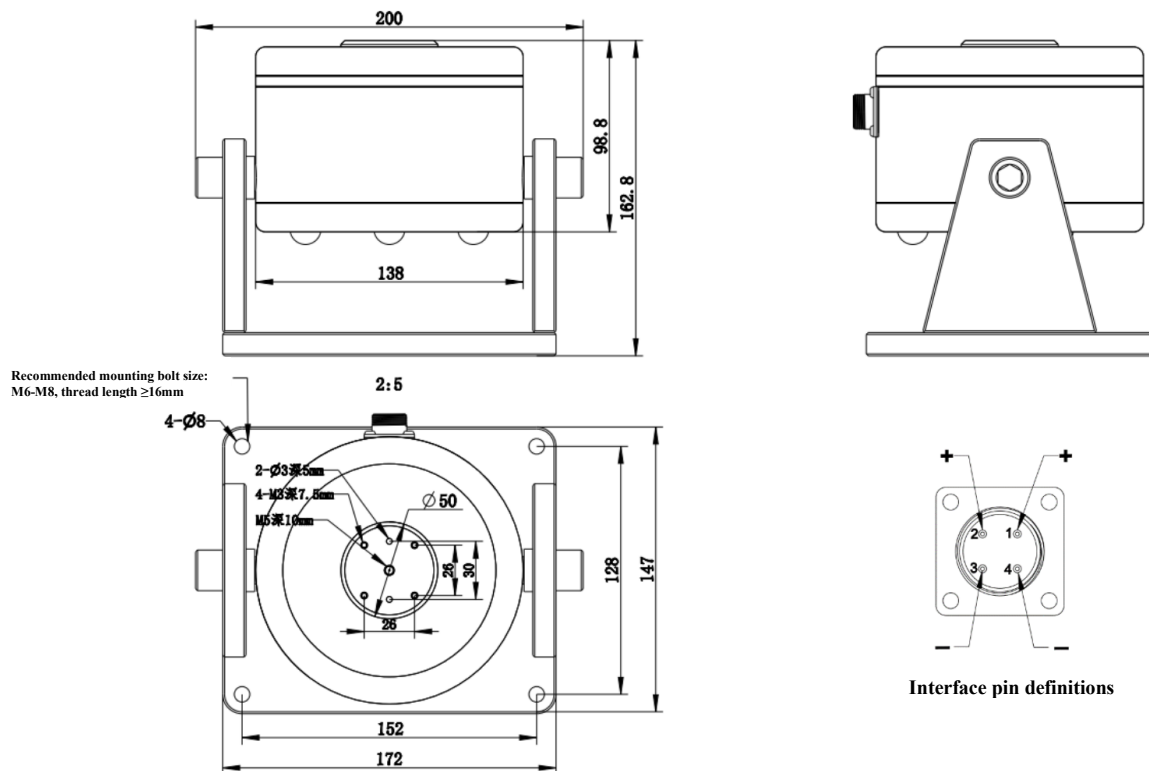
Parameters	
Rated force output (peak) sine/random	50N
Maximum amplitude	± 7.5 mm
Maximum acceleration	35 g
Maximum input current	≤ 18 Arms
Frequency range	20Hz - 8kHz
First-order resonant frequency	< 90 Hz
Voice coil direct current	$0.7\Omega \pm 0.1\Omega$
Force constant (N/A)	3.1
Lateral vibration	$\leq 3\%$
Moving mass	0.155kg
Dimension (mm)	$\Phi 138 \times 172$
Installation hole dimensions (mm)	$152 \times 128 / 4-\Phi 8$
Weight	8.1 Kg
Output method or output type	Piston rod
Connection method or connection type	M5
Elastic support stiffness or spring rate (N/mm)	3
Forced air cooling	Not
Nonlinearity	$\leq 3\%$ (Regarding maximum excitation force)
Working temperature	$-30^{\circ}\text{C} - +70^{\circ}\text{C}$

SK 502 Acceleration curves and thrust curves under different loads



Size and Structure

Unit: mm



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