

Electromagnetic vibration testing machine



QUICK DETAILS

Suitable for low frequency vibration test of samples in labs and production lines in industries such as electronic components, components, electromechanical products, instrumentation, electronic toys, medicine and food packaging...etc. Such as quality appraisal test, reliability appraisal test, endurance test, vibration modal analysis, material property test, fatigue test, vibration prevention and improvement. Simulate the vibration environment that the product suffers during manufacturing, assembly, transportation, and use to assess the vibration resistance, reliability, and integrity of its structure.

CHARACTERS

- 1, electronic control, vibration frequency, amplitude adjustable, driving force, low noise. The
- 2, high efficiency, high load, low energy consumption High frequency width, low failure. The
3. The controller of vibration test bench is easy to operate, completely closed and extremely safe. The
- 4, mobile work base, easy to place, beautiful and generous. The
- 5, vibration test stand for production lines, assembly lines to do a full inspection.

TECHNICAL PARAMETERS

- 1, table size (mm): 500×1000 other sizes can be customized
2. Amplitude: 0~5mm
- 3, the maximum load: 100kg
- 4, frequency: 1Hz~600Hz
- 5, the maximum acceleration: 0 ~ 20g (1g = 9.8m/S²)
- 6, vibration waveform: sine wave (half-wave, full-wave)
7. Sweep function (1~600Hz): (up frequency/down frequency/time range) can be set arbitrarily to standard sweep back and forth.

8. Programmable function (1~600Hz): 1~15 segments. The time and frequency of each segment can be arbitrarily set to achieve the cycle detection function.

9, vibration direction: 1 vertical (Z axis), 2 horizontal (X, Y axis), 3 vertical + horizontal (Y, X, Z axis)

10, precision: frequency can be displayed to 0.01Hz

11. Shaking table power: 4.5kw

12, power supply voltage: 380V 50Hz

13, the maximum current: 10A

16, time control: any time can be set (seconds)

17, to achieve the function: sine wave, FM, frequency sweep, programmable, maximum acceleration, amplitude modulation, time control.

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18, measuring instrument (optional): if you need to read the amplitude, acceleration