



东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

Introduction

Name: ZL-1001 Low-frequency electromagnetic vibration test machine



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**Equipment summary:**

This machine is suitable for electronic, electro-mechanical, optical communications, packaging, auto parts, toys and other industry research, development, quality control and manufacturing. quality control inspection and production line, assembly line. It is more suitable for quality inspection of finished product for improving product quality.

Main functions:

Sine wave (half-wave / full wave), FM, sweep, programmable, frequency-doubling of the number, amplitude, maximum acceleration, time control, 485 Tong Xun interface, simple set acceleration, simple fixed amplitude

Technical parameter:

Model	ZL-1001
Vibration table size	50×1×50cm (L*H*W)
Table size	Vertical 50×20×50cm (L*H*W)
Vibration direction	Vertical
Max testing load	0~100 (Kg)
FM function (1~400HZ)	either a frequency in the frequency range must be (maximum acceleration / 20g maximum amplitude / 5mm)
Sweep function (1~400HZ)	(up frequency / down frequency / time range) can be swept back and forth by setting arbitrarily standard
Programmable Function (1~400HZ)	1 ~ 15 of each segment can be arbitrarily set (frequency / time) can be recycled
Harmonic function (1~400HZ)	1 ~ 15 multiply increase ① low to high frequency ② high to low frequency ③ low to high and then to low frequency / can be recycled
Logarithmic function (1~400HZ)	3 kinds of model number / can be recycled
Vibration Machine frequency (KW)	1.5
amplitude(mmp-p)	0~5mm
Maximun Acceleration	0~20g
Vibration wave	Sine wave (half-wave / full wave)
Time control	Can be installed at any time (seconds)
Supply voltage (V)	220±20%
Maximum current(A)	7

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Full-featured computer-controlled (need to purchase)	it need to buy a adapter if want to control, storage, recording and print by computer.
Precision	Frequency can display to the 0.01Hz, precision 0.1Hz
Shows the acceleration amplitude (optional)	if you want to know the value of amplitude, acceleration, maximum acceleration, the exact figure need to purchase this measuring instrument

Note: $1g = 9.8m/s^2$ acceleration (unit g) = $0.002 * f^2$ (frequency units HZ) * D (amplitude units mmp-p)

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