

HD-A521 Program type Vibration test machine

EQUIPMENT DETAILS



GENEAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 1600*1600*2100mm
Power supply source: Three-phase, 220volt, 50Hz
Gross Weight: 350kg

STANDARD SPECIFICATIONS

Item	Description
Max. test load	1000kg(can be customized)
Work table size	1500*1500mm(can be customized)
Control method	PLC controller
Frequency range	60~300rpm (adjustable)
Amplitude range	25.4mm (1 inch)
Vibration mode	Rotary motion
Fence height	1200mm(can be customized)
Machine dimension (L×W×H)	1550×1550×2000mm including control box (estimated)

DESIGN STANDARDS

ISTA 1B

FEATURES

1. Cost friendly, which is only 10% of the same products in the USA;
2. Adopts synchronous mute belt drive for low noisy;
3. Rail-type specimen holder, easy operation and safety;
4. Machine base adopts heavy style channel with vibration attenuation pad, convenient, stable and no need to install land screw;
5. AC motor adjusts speed for smooth operation and large load ability;
6. It can set 8 different segments with different frequency to work automatically and the machine will stop automatically once finish test.

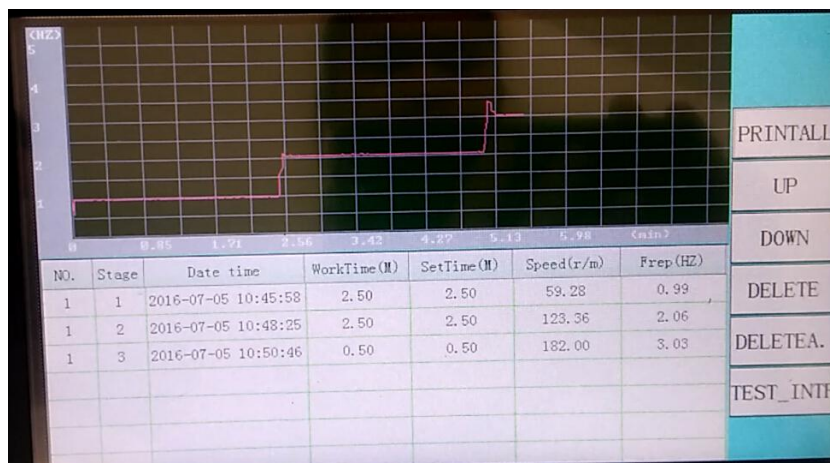
Familiarity with the following formula is required to calculate the test duration after the frequency required to bounce the packaged-product is determined in the Vibration Test Block:

$$\text{Test Duration in Minutes} = \frac{14,200 \text{ Vibratory Impacts}}{\text{Cycles Per Minute (CPM) or [Cycles Per Second (Hz) x 60]}}$$

The chart below shows example Test Duration's calculated for several frequencies.

CPM	Hz	Test Duration in Minutes
150	2.5	95
180	3.0	79
210	3.5	68
240	4.0	60
270	4.5	53
300	5.0	48

More details for Control system:



Curve

FACTORY DETAILS



Cutting machine



Bending machine



In Stock



In Stock



Show Room



Show Room

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