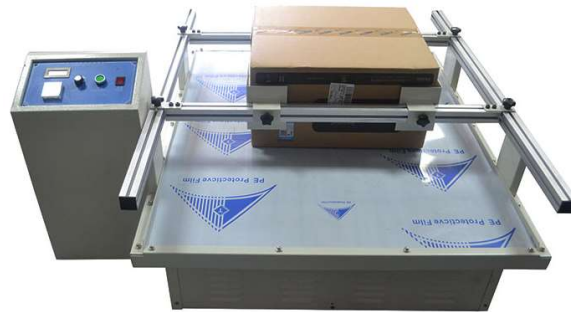


Simulation Transport Vibration Tester RC-103



Summary:

Carton transport vibration test machine is used for simulating the destruction of the vibration of all kinds of packaging items, PC board, electric appliances, toys, electronics, furniture, gifts, ceramics and other products etc during the transportation, test results can be used as reference for design packaging.

Theory:

It is based on the United States and European transport standards, and with reference to the United States of similar equipment to improve manufacturing. The use of eccentric bearings in rotating elliptical trajectories generated to simulate a car or ship the goods during transport the vibration of the collision. Test platform will be fixed on the eccentric bearing, when the eccentric bearing rotation, the test platform for the entire plane would produce an oval-shaped upper and lower front and rear movement, adjust the eccentric shaft with the rotation speed is equivalent to adjust the speed of motor vehicles or vessels.

Features:

- Low price, which is only 10% of the same products in the USA.
- The digital screen display the vibration frequency.
- Use rail track for the installation of the test sample, operate easily and safely
The pedestal of the machine applies heavy style channel with vibration attenuation pad, convenient, stable, no need to install the land-end screw.
- Synchronous noise control belt drive, very low noise
- DC motor speed regulation, smooth operation, strong load capacity
- Rotary vibration (commonly known as horse racing), in line with European and American transportation standards

Specifications:

Speed	100-300RPM
Speed display	0.1RPM
Vibration method	reciprocation type
Vibration amplitude	1 inch(25.4mm) +15%, to agree with ISTA/EN71 transportation standard
Max load	100KG
Effective test area	1000×1200mm
Speed accuracy	≤ ±3RPM
Time setting range	0~99.99hour
Motor power	1HP (0.75kw)
Max current	5A
Power	220V 50Hz single phase
Dimension	130×140×70cm