

TRANSPORT SIMULATOR

The VMX-1100 is a small sized package shaker designed for the laboratory simulation of typical hazards present in distribution environment.

It allows a 800 km drive simulation in 30 min. with its testing surface of 500 x 500 mm.

Its rigid platform with adjustable restraining fences moves in a 25.4 mm peak to peak vertical sinusoidal motion and applies a uniform vibration input over the entire test specimen.

The vibration frequency is electronically adjustable from 2 up to 5 Hz (120-130 rpm).



Features

- For testing small packages up to 75 kg
- For achieving maximal destructive performance in minimal test periods
- Enables the assessment of external and internal packaging
- Remote control panel for comfortable and safe use
- Robust instrument design ensures a reliable operation with maximal durability and minimum maintenance

Physical specifications

Dimensions

60 x 100 x 100 cm (WxDxH)

Net Weight

180 kg

Options

Special custom made restraining fences

Standards

ASTM D999, AI ISO 2249

Performance data

Maximum capacity

75 kg

Test platform size

50 x 50 cm

Double amplitude test displacement

25.4 mm

Maximum speed

1.25 G

Adjustable test frequency

2 - 5 Hz

Power supply

220 V, 50/60 Hz, 1.25 kW

single or three phase

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