

# Package Shaker Vibramax

Model: VMX-5500

*a measurable difference...*

# IDM<sup>®</sup>

## instruments

The VMX-5500 machines are larger sized package shakers designed for the laboratory simulation of typical hazards present in distribution environment. 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 linearly adjustable within the range of (2-5)Hz (120-300) rpm so user can test a package under its exact resonance frequency, achieving maximal destructive performance in minimal test periods. These machines enable the assessment of external and internal packaging. Rugged machine design ensures a reliable operation with maximal durability and minimum maintenance.

The VMX-1100 has a remote control panel for comfortable and safe operation, with a programmable digital timer for testing time (1 - 999 min).



### Applications:

- Packaging

### Standards:

- ASTM D-999/A1
- ISO 2247/B

### Specifications:

	VMX-5500V-M1	VMX-5500R-M1
<b>Motion Type:</b>	Vertical	Rotary
<b>Platform Size:</b>	1,500 x 1,500mm	
<b>Maximum Capacity:</b>	500kg	
<b>Double Amplitude Test Displacement:</b>	25.4mm	
<b>Power Supply:</b>	220VACm 50/60Hz, 11kW, 3 Phase	
<b>Adjustable Test Frequency:</b>	2-5Hz	
<b>Nett Dimensions:</b>	H:95 x L:170 x W:170cm	
<b>Nett Weight:</b>	1,450kg	
<b>Packaged Dimensions:</b>	H:125 x L:195 x W:195cm	
<b>Packaged Weight:</b>	1,650kg	