



# Shipping Box / Container Vibration Tester - Qualista™ VT100



## STANDARDS

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ASTM D999

ISTA

Do not let a bumpy road or a careless drive ruin your shipments before they reach the customer.

The Qualista™ VT100 is a solidly built workstation designed to replicate the movement and constant jittering that boxes experience inside a delivery truck or train car. By running these trials in your own facility, you can spot weak points in your cartons and crates before they ever get loaded onto a vehicle.

This transportation simulator helps you make sure that your goods arrive looking just as fresh and undamaged as they did when they left your factory floor. It allows you to fix packaging flaws early, saving you from the headache of returns and broken products.

## APPLICATIONS

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### **Vibration Testing Machine for Packaging Durability (ASTM D999)**

*A robust transport simulator designed to protect your goods from the shocks of the road.*



No matter what you are shipping, seeing how your boxes handle the road is essential for keeping your customers happy. Here are a few places where the Qualista™ VT100 and our High-Capacity Vibration Testers prove their worth:

- **Electronics Manufacturers**

Makers of sensitive gadgets use the Qualista™ VT100 to ensure that circuit boards and screens do not rattle loose inside their boxes during long cross-country drives.

- **Food and Beverage Companies**

Businesses that bottle drinks or pack fragile snacks rely on this transport simulator to prevent glass breakage and crushed chips caused by the unending shaking of a delivery van.

- **Ceramics and Glassware Suppliers**

Producers of delicate plates and vases trust the Shipping Box Vibration Tester to find out if their internal padding is thick enough to absorb the shock of a rough journey without cracking the contents.

- **Auto Parts Distributors**

Warehouses shipping heavy metal components utilize the Qualista™ VT Series to check that their cartons hold together under the weight of the parts, ensuring the bottom does not fall out during handling.

## FEATURES

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### Shipping Box / Container Vibration Tester - Qualista™ VT 100 Features

- **Buffer Start Function:** Features a buffer start function, ensuring very low noise during operation.
- **Digital Meter:** Displays the vibration frequency.
- **Synchronization Silencing Belt Transmission:** Ensures quiet operation.
- **Sample Clamping:** Uses a guide rail type clamping system, making it easy to operate and safe.
- **Machine Base:** Made from heavy channel steel with vibration damping pads, allowing for easy installation and stable operation without the need for foot screws.
- **DC Motor Speed Regulation:** Provides smooth operation and strong load capacity.
- **Rotary Vibration:** Commonly known as “monkey type,” it meets European and United States transportation standards.

## TECHNICAL SPECIFICATIONS

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# Shipping Box / Container Vibration Tester - Qualista™ VT 100 Technical Specifications

<b>Model</b>	Qualista™ VT 100
<b>Vibration frequency</b>	100-300rpm
<b>Frequency precision</b>	2rpm
<b>Max load capacity</b>	100kg
<b>Displacement (Vibration amplitude range)</b>	25.4mm (1 inch)
<b>Vibration mode</b>	Reciprocating (Rotary)
<b>Simulation vehicle speed</b>	25~40km/h
<b>Standard motions</b>	Rotary DC Motion (Standard)
<b>Standard table Size</b>	1200x1200mm
<b>Timing functions</b>	99H99M
<b>Voltage</b>	AC 380V 50/60Hz
<b>Dimensions</b>	Main body: 1300×1320×880mm (L×W×H) Console: 360×320×1030mm (L×W×H)
<b>Weight</b>	300kg



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