



TRANSPORTATION SIMULATOR

Mainly used in repeating impact, unloading or jump test that complies to ISTA, ASTM, TAPPI, ISO MIL-STD, FED-STD, UN, DOT and other industrial and government standards. The frequency range is 2-5Hz with a fixed displacement of 1 inch (25.4 mm) and a maximum acceleration of 1.25 G.

TTYST series vibration platforms adopts eccentric cam principle to achieve rotation (marquee), vertical, and non-synchronized (30° unbalance vibration) vibration modes

APPLICATIONS

- **Packaging Validation** – Simulates real-world shipping vibrations to ensure packaging protects products during transport.
- **Consumer Goods and Electronics** – Tests durability of finished products against repeated impacts and jolts in distribution.
- **Automotive and Spare Parts** – Confirms resistance of parts and assemblies to vibration and shocks during logistics.
- **Industrial Equipment and Machinery** – Evaluates handling strength and transport safety of heavy-duty components.
- **Aerospace and Defense Supplies** – Ensures mission-critical equipment meets MIL-STD and other transport standards.
- **Logistics and Supply Chain Testing** – Provides compliance with ISTA, ASTM, TAPPI, ISO, UN, DOT, and other regulations.

FEATURES

- Adjustable frequency
- Fixed amplitude
- Convenient installation, operation and maintenance
- High fence for the back side

TECHNICAL SPECIFICATIONS

Model	TTYST100	TTYST200	TTYST500	TTYST1000	TTYST2000
Max Payload (kg)	100	200	500	1000	2000
Table Size (mm)	1000x1200	1200x1200	1200x1500	1500x1500	1500x1500
Frequency Range (Hz)	2-5Hz(120~300)RPM				
Displacement	25.4 mm (1 inch) Fixed				
Test Motions	Rotary (Synchronous)				
Power Supply	AC220V±10% 50Hz		380V±10% 50Hz		



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