

TRANSPORTATION TESTER

BF-50UT

Transportation Tester

BF-50UT

BF-50UT is able to reproduce the 3-axis (X · Y · Z) simultaneous vibration similar to real transportation conditions and simulate left-right turns by a truck. It only takes 20 minutes to reproduce conditions equivalent to distances of 1000km by truck. Up to 50kg load capacity can be evaluated. This tester is suitable for reproducing the rubbing of outer packaging or contents during transportation.

Features

- Reproduce the triaxle vibration which is equivalent to the vibration on the truck
- Compact design doesn't need for specialized construction Installation space requires only 1 m³
- Vibration generator of fixed amplitude type

Application

- Evaluation of vibration resistance of packaging
- Rubbing test of the inner and outer packaging of products



Specification

Model	BF-50UT
Vibration direction	3-axis simultaneous vibration (up / down, right / left, front / rear)
Adjustable displacement range (mmP-P)	0.2 ~ 2.6
Vibration table size (mm)	500 × 600 with L type jig
Frequency range (Hz)	10 ~ 67 (0.1 Hz increments)
Acceptable acceleration range (m/s ²)	98 (10G)
Maximum loading weight (kg)	50
Operation mode	MANUAL / RANDOM / SWEEP / TRANSPORTATION
Temperature (°C)	0 ~ 40 (No condensing)
Power source	AC200 ~ 240V, 3 phases, 50 / 60Hz, 2A or below
Size (W × D × H mm)	500 × 600 × 650
Capacity (kg)	approx. 80
Standard accessory	3-Dimensional wireless vibration recorder / 1 set



SHINYEI TESTING MACHINERY CO., LTD.

Head Office B47-11, Katoridai, Tsukuba, Ibaraki, 300-2657, JAPAN

Tel: +81-29-848-3571 FAX: +81-29-848-3572

International Sales Office

Shinyei BLDG. 5F, 77-1 Kyomachi, Chuo-ku, Kobe 651-0178, JAPAN

Tel: +81-78-392-6903 FAX: +81-78-332-1619