

# Transportation Tester BF-100UT

Transportation Tester for Large Equipment BF-100UT



## 3D Vibration Tester with Sine-wave for Large Packaging

BF-100UT can reproduce the 3-axis (X · Y · Z) simultaneous vibration similar to real transportation conditions and simulate the left-right turn of a truck. It has a greater capacity table that enables it to test large equipment up to 120kg and evaluate multiple samples under the same conditions. This tester is suitable for verification of outer packaging friction by loading test objects in parallel.

### Features

- Correspond to vibration test of large equipment.

- Simultaneous evaluation of multiple samples
- No need for specialized construction / Just use leveller to install

### Application

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

### Specification

<b>Model</b>	BF-100UT
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<b>Vibration direction</b>	3-axis simultaneous vibration (up / down, right / left, front / rear)
<b>Adjustable displacement range (mmP-P)</b>	0.4 ~ 2.5
<b>Vibration table size (mm)</b>	1000 × 800 with L type jig
<b>Frequency range (Hz)</b>	10 ~ 50 (0.1 Hz increments)
<b>Acceptable acceleration range (m/s<sup>2</sup>)</b>	49 (5G)
<b>Maximum loading weight (kg)</b>	120
<b>Operation mode</b>	MANUAL / RANDOM / SWEEP / TRANSPORTATION
<b>Temperature (°C)</b>	0 ~ 40 (No condensation)
<b>Supply Air Pressure (MPa)</b>	0.4 ~ 0.6 (4 ~ 6kgf/cm <sup>2</sup> )
<b>Power source</b>	AC200 ~ 240V, 3phases, 50 / 60Hz, 10A or below
<b>Size (W × D × H mm)</b>	1000 × 800 × 445
<b>Capacity (kg)</b>	approx. 180
<b>Controller size (W × D × H mm)</b>	650 × 460 × 900 ※Height of a signal tower is not included
<b>Controller capacity (kg)</b>	approx. 60
<b>Standard accessory</b>	3-Dimensional wireless vibration recorder / 1 set ※PC is not included