

# 3D Shaking Table

## Usage examples

- ◇ Earthquake simulator
- ◇ Earthquake resistant and seismic isolation performance tests
- ◇ Building and civil engineering model shaking experiments
- ◇ Other usages as shaking table



## Specialties

- ◇ Composed of 3 linear servo actuators for shaking horizontal table
- ◇ Link mechanism for rolling-yawing-pitching stopper
- ◇ Displacement controlling each 3 linear servo actuator can shake table horizontally, vertically, up and down as well as in three dimensions
- ◇ Shaking waveforms: sine wave seismic scale or approximate seismic scale
- ◇ Operation : Controlled by attached PC  
Touch panel available for daily operation e.g. waveform selection

**Specification examples**

	<b>Earthquake simulator</b>	<b>Earthquake resistant testing for furniture fittings</b>
<b>Table size [mm]</b>	Width 2,000× Depth 2,300	Width 2,000×Depth 2,000
<b>Max displacement [mm]</b>	X Y: ±100 Z: ±25	X Y: ±120 Z: ±35
<b>Max acceleration [gal]</b>	X Y: 800 Z: 400	X Y: 1,200 Z: 900
<b>Shaking frequency [Hz]</b>	DC ~ 10	
<b>Max load weight [kg]</b>	500	150
<b>Own weight [kg]</b>	1,000	1,500
<b>Size [mm]</b>	Width 2,000×Depth 2,300 ×Height 785	Width 2,000×Depth 2,315 ×Height 1,260
<b>Shaking waveform</b>	Optional waveform (sin, seismic, etc.)	
<b>Shaking directions</b>	Horizontal, vertical, up and down, and 3 dimentions	
<b>Power</b>	Hydraulic (Accumulator use)	
<b>Control method</b>	Displacement control	

**Please feel free to contact us about specifications and any questions**

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