



# Bi-Axial Seismic Exciter



## Applications

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- Seismic
- Packaging
- Electrical component

## Product Overview

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The LINK Bi-Axial Seismic Exciter is designed to accurately reproduce seismic events accurately. Horizontal and vertical tests can be run independently by rotating the actuator. This provides a cost effective solution for performing statistically independent motions in the X,Y,Z directions without off-axis motion concerns.

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# Bi-Axial Seismic Exciter

## Key Benefits

- Special low noise linear bearings provide a rigid bearing structure without the expense and maintenance of hydrostatic bearings
- Sine sweep: operator defined frequency range and linear or logarithmic rate, with defined acceleration level
- Linear Bearing design provides high resistance to over-turning moments, preventing off-axis motion
- Designed for attachment to customer seismic mass, varying sizes available with seismic mass
- Low friction linear bearings and hydrostatic bearing actuator provide reduced harmonic distortion
- Shipped as an integrated system reducing installation time

## Specifications

Table sizes include:

- 600mm x 600mm (24" x 24")
- 800mm x 800mm (31.5" X 31.5")
- 1M X 1M (39.5" X 39.5")
- 1.5M x 1.5M (59" x 59")
- Other table sizes upon request
- Frequency range: 0.1 to 100 Hz, or greater upon request
- Hydrostatic Bearing Actuator
- Seismic Accelerometer

## Test Procedures

- IEEE-344 IEEE Recommended Practice for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations
- IEEE-682
- GR-63 Tests

## Link Engineering Company

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or call 1-734-GET-LINK

