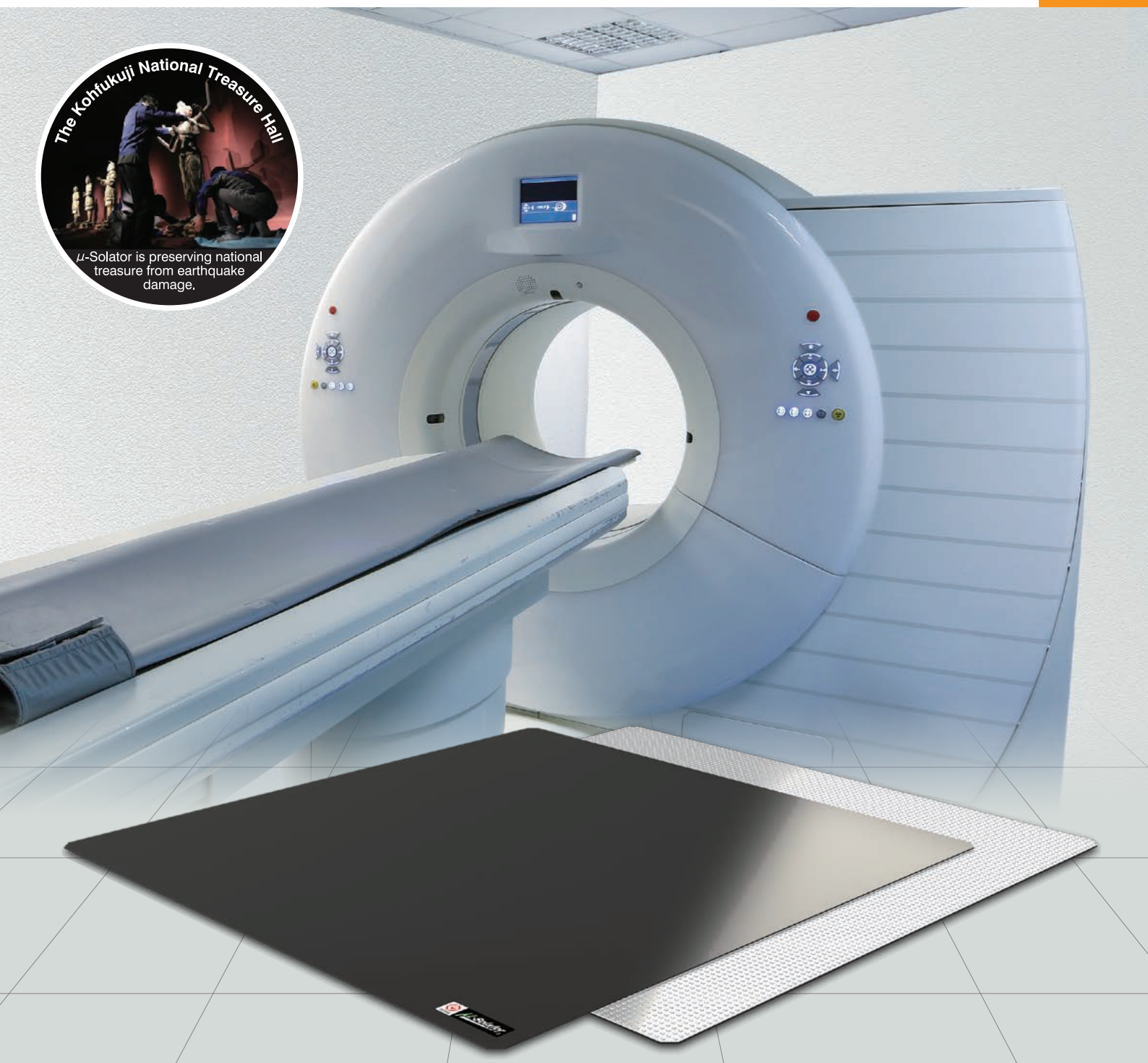
Ideal Brain

Isolation System simply arranging on the floor

Isolator for Medical / Research Institutions

μ-Solator is preserving national treasure from earthquake damage.



It's Only 3mm.

GOOD DESIGN AWARD 2016
GOLD AWARD

PATENTED

The Thinnest in the World.

Features of μ-Solator

1. 3mm thickness enables smooth handling by hand truck
2. With the optimal friction factor of 10%, μ-Solator can stay and remain in a normal situation.
3. "Fail-Safe" system provides safety at an unexpected shake

μ-Solator™

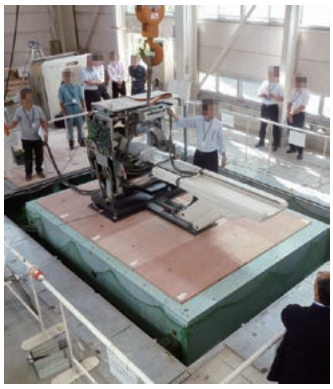
Isolator for Medical / Research

The most simple Isolation Device

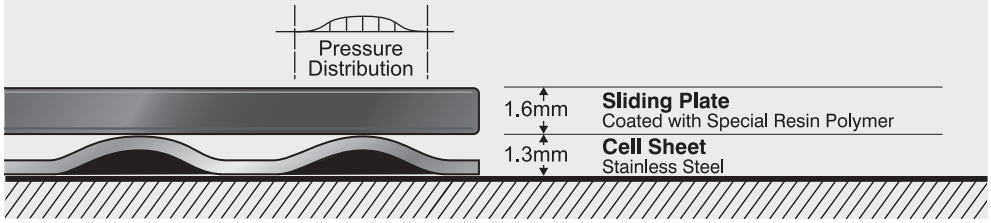
Isolation needs to be activated, without working in a normal situation, only in a large earthquake having an acceleration of 100cm/sec2 or more.

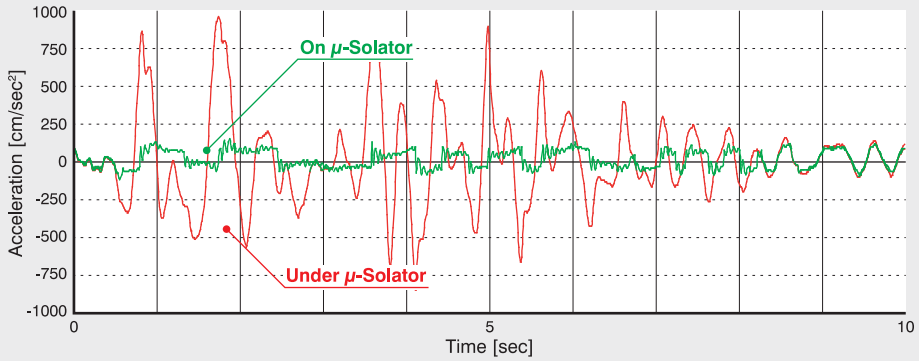
This is achieved by μ-Solator™ with the optimal friction factor of 10%.

Shaking Table Experiment



Combination of a plane surface and a curved surface creates a friction factor of 10%



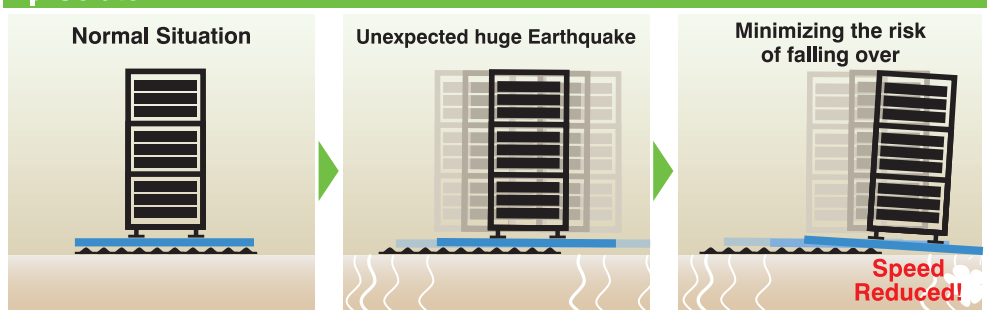


1.2 times level of the 1995 Southern Hyogo Prefecture Earthquake

μ-Solator design icludes a “Fail-Safe” factor.

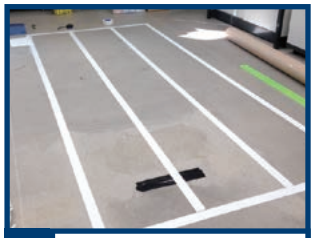
Conventional Isolator

μ-Solator



Direct installation type

The floor can be isolated in the same manner as the tile carpet is laid on the existing floor.



1 Arrange double-sided tape on the floor.

2 Install μ-Solator

3 Cover with protective sheet

4 Complete!

Examples

Biochemistry blood system

Biochemistry blood system

Blood purification apparatus

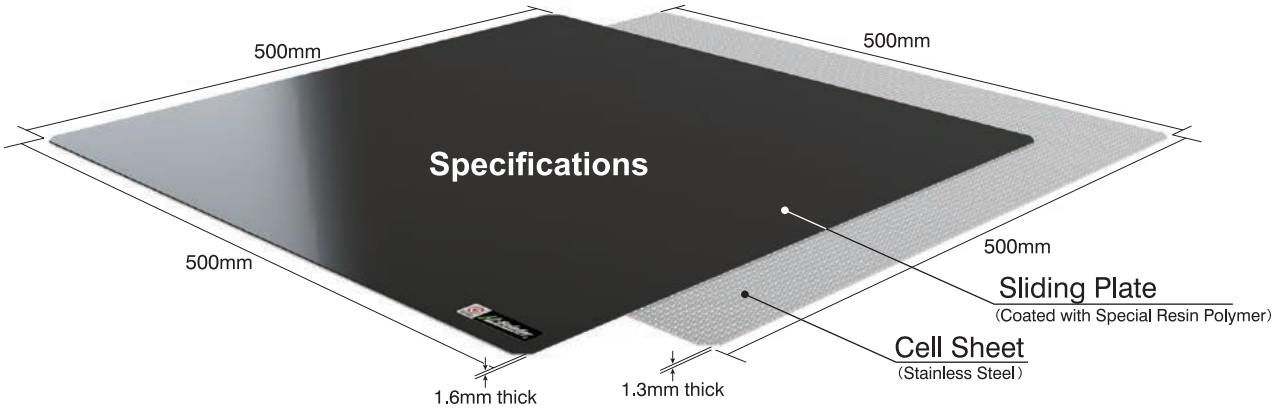
Computerized tomography (CT Scan)

Medicine storage rack

Server Rack

Product Set

μ-Solator™
Isolator for Medical / Research



Specifications

Isolation Mechanism	Sliding Isolation
Isolation Capacity	In any earthquake, seismic intensity can be reduced to 100gal or less (excluding movement in a vertical direction and pulse response).
Displacement Limits	±250mm (Recommended)
Load Limits	100 tons per m^2 (Concentrated limit is 1 ton per leg)
Maintenance	Maintenance Free
Warranty	1 year after delivery date
Note	*No warranty is provided for objects being placed on μ-Solator *No generations of zinc whiskers *Specifications are subject to change without notice
Patents	The μ-Solator™ products are protected by patents in the United States and elsewhere. US Patent Nos. 9,212,480 | 9,175,490

⚠ Notice

1. μ-Solator™ is the system that reduces horizontal vibrations causing a falling over by an earthquake. μ-Solator™ is not applicable to vibrations in a vertical direction by an earthquake, mechanical vibrations, and vibrations without causing a falling over. Those vibrations are out of scope of the performance of μ-Solator™.
2. μ-Solator™ is the system reducing the risk of falling over by an earthquake and therefore no damage is assured.
3. μ-Solator™ shall be surrounded by an operational space for not interfering with other objects during an earthquake and the operational space shall be empty. The performance of μ-Solator™ may deteriorate and may lose its function if μ-Solator™ moves beyond the operational space during an earthquake.
4. After a large earthquake has occurred, the situation of the object shall be checked. μ-Solator™ may have a residual displacement and, if the displacement is observed, please contact below.
5. Do not push the loaded object carelessly. The object may move suddenly.
6. Due to a defect of the base portion (free access floor, slab etc.) and obstacles therefrom, there may be cases where μ-Solator™ does not work.
7. When μ-Solator™ is installed on 6th floor or above, verification of the installation shall be carried out.
8. When μ-Solator™ is removed and reused, cleaning treatment is recommended (extra charge).
9. Please feel free to contact us if you have any questions.

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Delving into The Power of Nature.
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