

Certificate

Quakeproof test enforcement certificate

Testing product:

Alvo Medical

Model name “Alvo Modular OR System”

Test date:

November 2, 2015

Test device:

Three-dimensional 6 degrees-of-freedom large-sized shaking table

Earthquake-Proof Laboratory Yokohama factory

IHI Corporation

Test value:

- 1) 249gal (Ishinomaki wave 100%)
- 2) 818gal (Kobe wave 100%)
- 3) 1517gal (Sendai wave 100%)

* There are earthquake waves based on original waves of

- 1) The southern Hyogo prefecture earthquake (1995)
- 2) The Miyagioki Earthquake (2005)
- 3) The 2011 off the Pacific coast of Tohoku Earthquake (2011)

* The above values are the maximum ones at each seismic excitation test.

* The examination objects were tested successively.

* It is described in “ quakeproof test report page number 3, 15, 16, 17, 18” about the testing product details.

**This certificate proves that IHI Inspection & Instrumentation Co., Ltd.
Carried out the above testing.**

Dec 18, 2015

Kazunori Kobayashi

Director of Instrumentation division

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