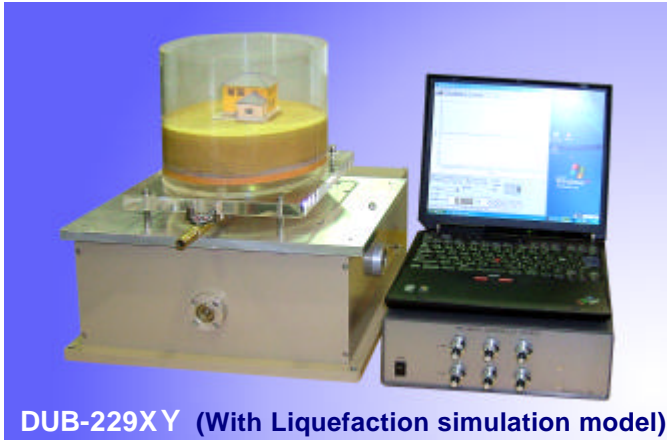


Pulse motor servo type Compact Shaking Table



DUB-229XY (With Liquefaction simulation model)



DUB-229A

*** Excellent response**

It uses our recent development "Pulse motor servo system," which has an excellent response equal to Hydraulic servo system. It can also reproduce seismic wave faithfully. (Please refer to the other side.)

****Compact design & High cost performance**

Compared with usual servo system, it has good cost performance. It can do without Hydraulic pump & Air compressor. It can set up anywhere because of the compact design & noiseless working.

*** Wave control by Personal computer**

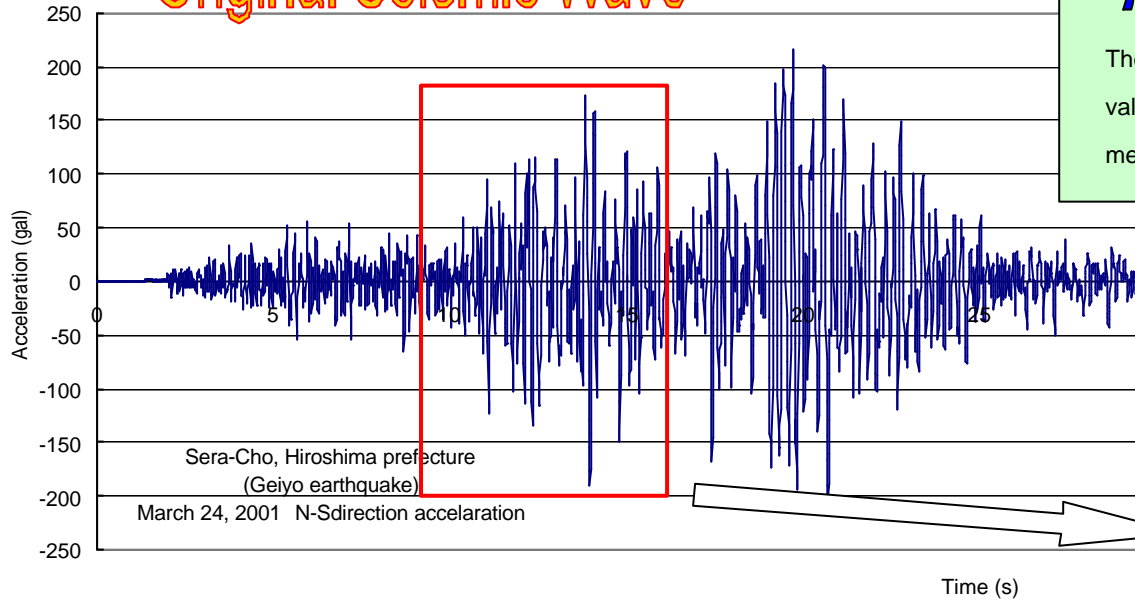
It can set a wave by making use of Microsoft Excel, etc. freely. Software to read arbitrary seismic wave data and vibrate is attached as the standard component. It can also vibrate Sine wave by this attached software.

*** Personal computer, Liquefaction simulation model: Optional item**

		DUB-229A	DUB-229B	DUB-229C	DUB-229XY
Shaking Table	Dimensions	400 x 250mm	700 x 400mm	1000 x 500mm	450x500mm
		Height:102mm	Height: 102mm	Height: 128mm	Height: 196mm
	Loading capacity	30ka	70ka	100ka	30ka
	Exciting displacement	+/- 25mm	±50mm	+/- 50mm	X-axis, Y-axis: +/-25mm
	Control	Pulse motor servo type			
Exciting force	Max. 300gal (Decreasing the load can make the exciting force increase.)				
Controller	Consisting of Servo amplifier section, Pulse exciting section, Driving section.				
	Input voltage	+/- 5V			
	External dimensions	320Wx60Hx230D mm			320Wx100Hx230D mm
DA Unit & Software	DA unit for wave outputting from personal computer				
	Output of Seismic wave	It can output arbitrary seismic wave with change of the amplitude &			
	Output of standard wave	Wave: Select one among Sine wave, Triangle wave and Reqtangle wave.			
	Frequency	0.001 to 10Hz			

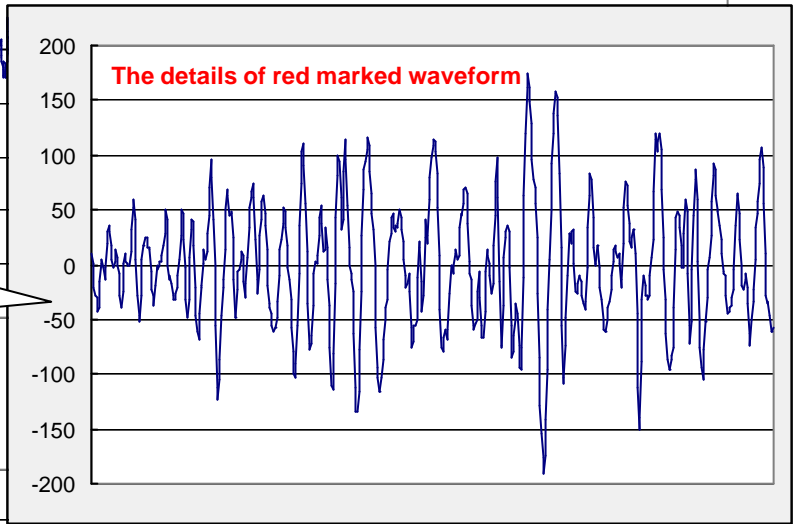


Original Seismic Wave



A sample of Seismic wave

The upper graph shows real seismic wave and the lower shows measured value of vibration by DUB-229 based on the seismic wave. The value was measured by accelerometer. It can reproduce the seismic wave faithfully.



Measured value by Shaking table

