

Integral structure of Soundproof boxes and vibration isolators

Feature

Panel type Soundproof Box

- Combine vibration isolator and soundproof box making use of experience
 - Selectable low natural frequency or air-spring vibration isolator
 - High performance of soundproof is realized by adopting hollow double sound insulating wall or soundproof material
- ※ Shape, soundproof material, and shield material are customizable.



Application :

SPM field such as STM, AFM
 Measurement of Precision Positioning Stage
 Optical Measurement, Optical Microscope
 DVD/HD inspection equipment
 High-precision Hardness Meter, Interferometer
 Physiology field



Performance

frequency (Hz)	OA	31.5	63	125	250	500	1000	2000	4000	8000
outer (dB)	100.2	36.2	57.3	71.2	83.2	92.2	95.8	95.5	92.1	82.6
inner (dB)	56.9	23.6	32.2	39.2	45.9	49.6	48.8	53.7	47.0	38.7
isolation (dB)	43.3	12.6	25.1	32.0	37.3	42.6	47.0	41.8	45.1	43.9

※ Refer to Vibration Isolator pages regarding vibration isolator specifications.