

Stone Based 3D Air Spring Vibration Isolators

VS Series



High stiffness Natural Stone provides excellent performance for Vibration Isolation

Feature

- No influence in temperature variation due to low thermal conductivity
- No influence in humid variation due to low water absorption
- Providing Long Life due to fine abrasion resistance
- Auto leveling function is standard feature

Application :

Optical experiment, Interference experiment, Interferometer, Hologram, STM, AFM, Precision Measuring Apparatus

Optional (separate estimate) :

Punching to the surface, Cast iron Plate, Small Compressor



Specification

Model	VS-1075	VS-1209	VS-1510	VS-1809	VS-2010
natural frequency	vertical 1.1Hz horizontal 0.8Hz				
method	Air Spring applicable for all directions				
plate dimensions (mm)	1000×750	1200×900	1500×1000	1800×900	2000×1000
plate thickness (mm)	150	150	200	200	250
height (mm)	800				
leveling method	Auto Leveling Method (Regulator setting pressure : 0.25MPa)				
plate weight (kg)	337	486	900	972	1500
surface top	Helisert processing available				
payload (kg)	200	400	1000	1000	1500

Other size plates are available to manufacture. Please contact us.