

These desktop vibration isolation units are ideal for small optical systems and microscopes



Applications

- Optical Microscopy
- Surface Profilometry
- Hardness and roundness Tester
- Hardness and roundness testing

● Compact Design(portable)

Affordable and practical model, light weight structure and enhanced convenience in use and installation.

● Special material(high-damping top)

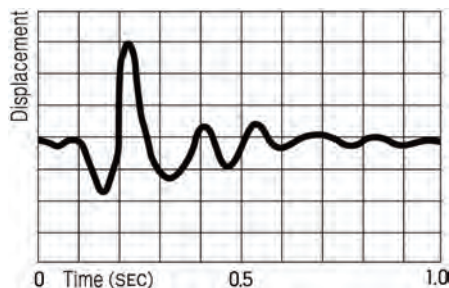
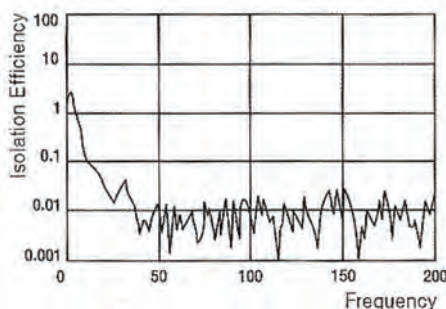
Laminated with a special material to ensure an excellent damping performance. [optional] Honeycomb top plate-increasing height, but any customized mounting holes available.

● Auto leveling system(Tri-pole leveling)

Ensuring to help pinpoint experiments used of three polar leveling valves.

Attention

- ▶ To achieve ideal vibration isolation performance, always use a strong table frame to mount the table top type vibration isolator system.
- ▶ The vibration isolator may not perform normally if used under an extremely offset load or with instruments or equipment with a high center of gravity.



Common Specifications

Part Number		OSDVIT-45A(25H)	OSDVIT-56A(25H)	OSDVIT-86A(25H)
Natural Frequency		2.5Hz ~ 0.3Hz		
Vibration Isolation		Special diaphragm air springs		
Damping		Air damping by orifices		
Leveling		Auto leveling by 3 height control valves		
Material of Top Plate		Stainless steel laminated top / Honeycomb 25t		
Load Capacity		150 kg	150 kg	150 kg
Weight		50 kg	65 kg	80 kg
Overall Dimension [mm]	Steel top	(W)432 × (D)532 × (H)84	(W)532 × (D)632 × (H)84	(W)832 × (D)632 × (H)84
	Honeycomb 25t	(W)430 × (D)530 × (H)110	(W)530 × (D)630 × (H)110	(W)830 × (D)630 × (H)110
Required air supply		4kg/cm ²		
Standard Accessories		Air regulator & Filter 4φ Nylon tube 6mm, Tube coupling (R 1/4" 4φ)		
Option		Exclusive air compressor		

* Besides the above standard sizes, custom dimensions are available upon requests.

Part Number	W × D [mm]	H [mm]	Load capacity [kg]	Weight [kg]
OSDVIT-45A(25H)	432×532	86	150	50
OSDVIT-56A(25H)	532×632	86	150	65
OSDVIT-86A(25H)	832×632	86	150	80

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