

# Desktop 3D Air Spring Vibration Isolators

## VAX / VMX Series



## Adopted 3 Dimensions Air Spring exerts the same performance as Large Vibration Isolators

### Feature

- Having a large shearing modulus by implemented a 0.25mm thickness high density steel honeycomb core .
- High stiffness and unique Damping Mechanism provide an excellent dynamic characteristics

High Density : 0. 288~0. 320 g / c m<sup>3</sup>

Shearing Modulus : 1 9300 k g f / c m<sup>2</sup>

### Application :

Surface Configuration Measuring, Surface Roughness Meter, Hardness Meter, Microscope, Precision Measuring Apparatus



### Specification

Model		VAX-0405	VAX-0605		VAX-0806
		VMX-0405	VMX-0506	VMX-0605	VMX-0806
natural frequency		vertical 1.8-2.5Hz horizontal 3.2-4.0Hz			
isolation method		Air Spring effective in 3 directions			
dimensions (mm)	VAX	440x540	600x500		800x600
	VMX	440x560	500x620	600x520	800x620
height (mm)		57			
leveling method	VAX	Auto Leveling Method ( Regulator setting pressure : 0.25MPa )			
	VMX	Manual method by Hand pump			
plate material		Stainless steel finishing			
payload (kg)		100			
weight (kg)		23	25	25	35