

Biscuit Bench Top Vibration Isolators BM-1 BM-4

Mechanical Vibration Isolators, no air and electrical power required
True 1/2 Hz Performance both vertical and horizontal

Features

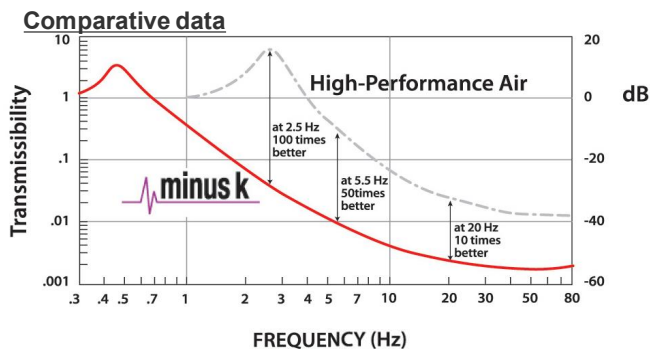
- Guaranteed 1/2 Hz natural frequencies, both vertical and horizontal
- Isolation performance from low frequency is extremely better than conventional air-spring isolator
- Insensitive to ambient temperature change, long-term and stable measurement is possible compare to air-spring isolator
- Portable that can be easily moved almost anywhere

Application : SPM field such as STM, AFM

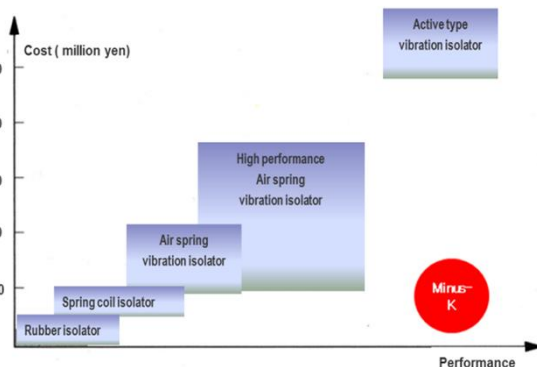
Measurement of Precision Positioning Stage
Optical Measurement · Optical Microscope
DVD/HD inspection equipment
High-precision Durometer · Interferometer
Physiology field



BM-4



Cost-performance Comparison



Mounted Example



Specification

Model	25BM-4	50BM-4	100BM-4	100BM-1	150BM-1	250BM-1	350BM-1	500BM-1	650BM-1
Natural frequency	Under 0.5Hz horizontal vertical each								
Dimensions (mm)	W427 × D427 × H216			W610 × D572 × H229					
Available payload (kg)	11.2	22.5	45	45	67.5	112.5	157.5	225	292.5
Payload Range (kg)	0~11	9~25	23~48	27~48	41~70	82~123	132~168	164~239	227~309
Weight (kg)	27			36					