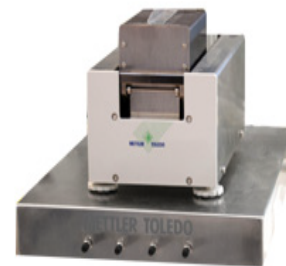


AMB-SS series isolation platforms

High Performance anti vibration platform for balances



AMB-30x45 with balance



AMB-30x45 built in AMD-AS-75x75



AMB-30x45 in AMD-AS-75x75-TR

Type	Performance	Surface	Isolation	Application
AMB-30x45-SS	High	Stainless steel	2Hz air	5 and 6 digit balances
AMB-40x50-SS	High	Stainless steel	2Hz air	5 and 6 digit balances
AMB-60x60-SS	High	Stainless steel	2Hz air	5 and 6 digit balances

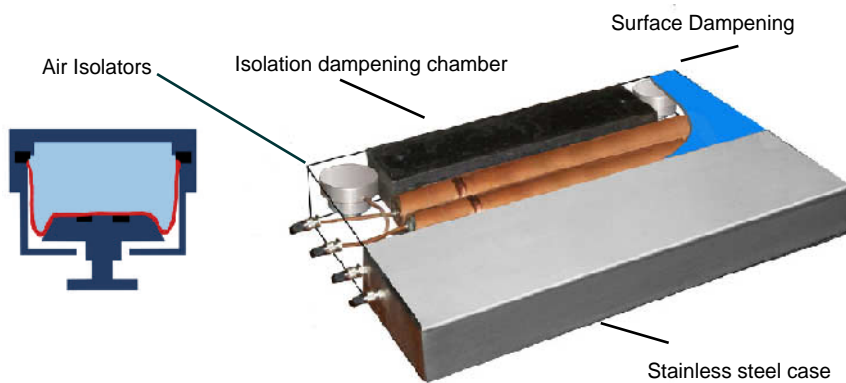
- Three sizes of air isolation platforms for analytical balances
- Unique rolling diaphragm 2Hz natural frequency isolator design removes up to 90 percent of unwanted vibrations
- Ideal for clean room use and biohazard environments
- Pharma stainless steel version meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack
- Sound deadened layer construction eliminates surface vibrations

The custom design of low 2Hz natural frequency isolators built into this platform ensures that low frequency building vibrations that commonly occur from 6Hz upwards are effectively removed, increasing instrument performance. The design incorporates the proven technology of rolling diaphragm isolators, which greatly outperform rubber and elastomer isolators. A seamless design and pharma grade stainless make this platform ideal for laboratory environments and clean rooms.

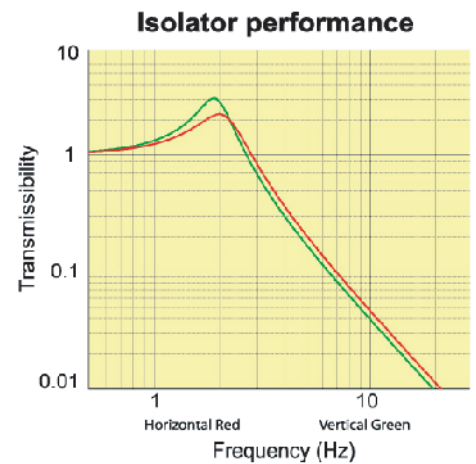
Product Details

The AMB series of pneumatic platforms incorporate four 2Hz natural frequency rolling diaphragm damped isolators. The platform surfaces are manufactured from Pharma grade stainless steel, which is seamlessly welded, ground and finished along the corners to produce a perfectly smooth surface which can be cleaned thoroughly. Tuned dampening chambers and masses are incorporated to maximize stability and performance. The table is simply inflated via adjustable valves using a standard bicycle pump.

The smooth seamless table shape ensures thorough and easy cleaning removing risks such as cross contamination. The stainless steel versions feature Pharma grade stainless steel with a very low Ra of 0.05 making them ideal for cleanrooms and as well as being resistant to almost all forms of biological and chemical attack.



Internal Construction of AMB 30x45



Specifications

Model AMB-30x45-SS; AMB-40x50-SS and AMB-60x60-SS

Isolation platform	
Isolator Surface	Pharma grade stainless steel
Surface finish Ra	0.25 micron
Isolator type	Pneumatic air
Isolation performance (%) 50Hz	97
Isolation performance (%) 100Hz	99
Natural frequency	2Hz

Dimensions (LxWxH)mm's	300x450; 400x500; 600x600
Depth mm's	55
Load capacity (kgs)	100

Working temperature -20 to 120 deg C

Bacterial resistance	No growth
Fungal resistance	No growth
Heat aging	Stable

Weight 24 to 28kgs



Balance draft shields



Rigid benching for balances