

# Isolation Platform - AMB 40x50

High Performance anti vibration platform for balances



Type	Performance	Surface	Isolation	Application
AMB 40x50	High	Stainless steel	2Hz air	5 and 6 digit balances

- 40x50cm isolation platform for analytical balances
- Unique rolling diaphragm 2Hz natural frequency isolator design removes up to 90 percent of unwanted vibrations
- Tuned dampening mass built in
- 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.

AMD SERIES

AMB SERIES

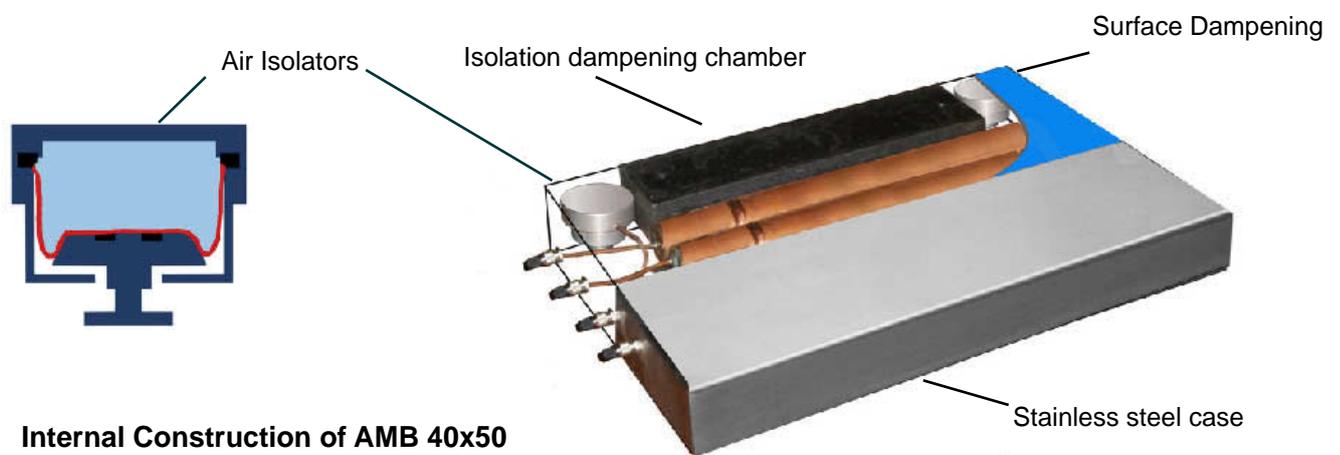
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## Product Details

The AMB-40x50 pneumatic platform incorporates 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 0.3 making them ideal for cleanrooms and as well as being resistant to almost all forms of biological and chemical attack.



## Specifications

Model AMB 40x50

Isolation platform	AMB-40x50
Isolator Surface	Pharma grade stainless steel
Isolator type	Pneumatic air
Isolation performance (%) 50Hz	97
Isolation performance (%) 100Hz	99
Natural frequency	2Hz
Dimensions (LxWxH)mm's	400 x 500 x 55
Load capacity (kgs)	100
Working temperature	-20 to 120 deg C
Bacterial resistance	No growth
Fungal resistance	No growth
Heat aging	Stable

