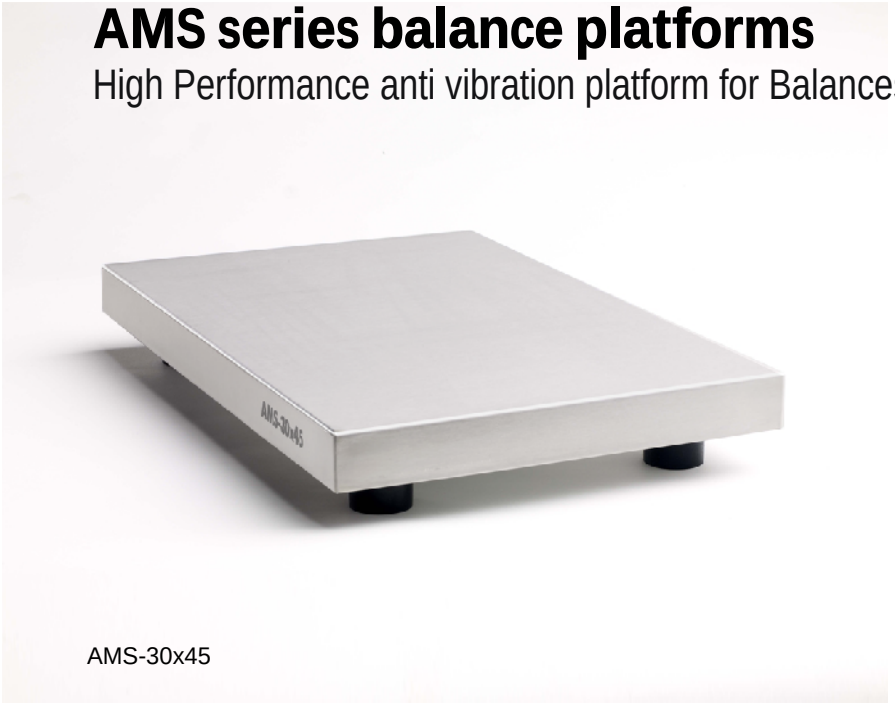
AMS series balance platforms

High Performance anti vibration platform for Balances



AMS-30x45

Type	Performance	Surface	Isolation	Application
AMS 30x45	Scientific	Stainless Steel	Damped sorbothane	4 and 5 digit balance
AMS 40x50	Scientific	Stainless Steel	Damped sorbothane	4 and 5 digit balance
AMS 60x60	Scientific	Stainless Steel	Damped sorbothane	4 and 5 digit balance

- Series of isolation platforms for analytical balances
- Unique Sorbothane isolator design removes up to 98 percent of unwanted vibrations
- Custom Damped Sorbothane low frequency isolators built in
- Pharma grade stainless meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack
- Sound deadened layer construction eliminates surface vibrations

The custom design and low natural frequency of the isolators built into this platform ensures that vibrations common in most laboratories are effectively removed, greatly increasing instrument performance. The seamless design and pharma grade stainless steel featured in the AMS series makes these platforms ideal for use laboratories and cleanrooms and in Medical and Biological enviroments.

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ALSB balance draft shield

AMD-SS-75x75 table

AMB-30x45 passive air platform

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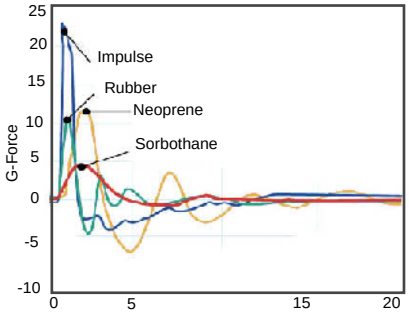
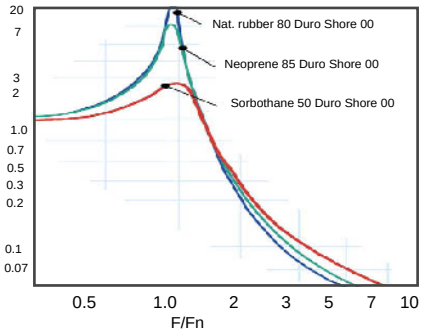
Product Details

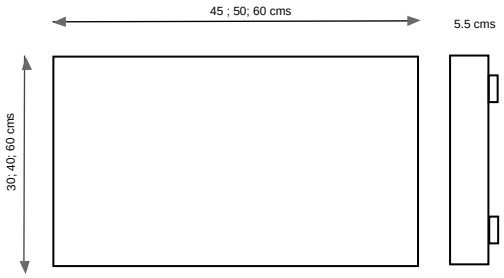
These balance isolation platforms are designed for balances to 5 places and we also offer a range of solid benching to minimise the effect of low frequency vibrations not removed by the isolation platform and draft shields to remove airborne disturbances which also limit balance performance



Time Delay Effect of Impuse Response



Ratio of Excitation Frequancy to Natural Frequency



Specifications AMS 30x45 ; AMS-40x50 and AMS-60x60

Dimensions (LxW)	
LxW mm's	450x300; 400x500; 600x600
H mm's	55
Load capacity	25kgs
Surfaces	Pharma stainless steel
Surface finish Ra	0.25 micron
Isolators	4off sorbothane (thermoset polyester based polyurethane)
Isolation performance	
50Hz	95 percent
100Hz	98 percent
Natural frequency	7Hz
Working temperature	-20 to +160 deg C
Bacterial resistance	No growth
Fungal resistance	No growth
Heat aging	Stable
Weight	12 to 15kgs

ALSB series balance draft shields

AMTR-LB rigid benching for balances