AMSR series instrument platforms

High Performance anti vibration platform for heavy instruments



AMSR-60x60

Type	Performance	Surface	Isolation	Application
AMSR-60x60	Scientific	Pharma stainless	Damped sorbothane	Heavy isntruments
AMSR-75x75	Scientific	Pharma stainless	Damped sorbothane	Heavy instruments
AMSR-90x75	Scientific	Pharma stainless	Damped sorbothane	Heavy instruments
AMSR-120x75	Scientific	Pharma stainless	Damped sobothane	Heavy instruments

- Range of isolation platforms for heavy instruments to 200kgs
- Unique Sorbothane isolator design removes up to 98 percent of unwanted vibrations
- Custom Damped Sorbothane low frequency isolators built in
- Seamless pharma grade stainless surfaces ideal for cleanroom use
- Sound deadened layer construction eliminates surface vibrations



Hardness tester on AMSR



AMD-SR-90x75-900



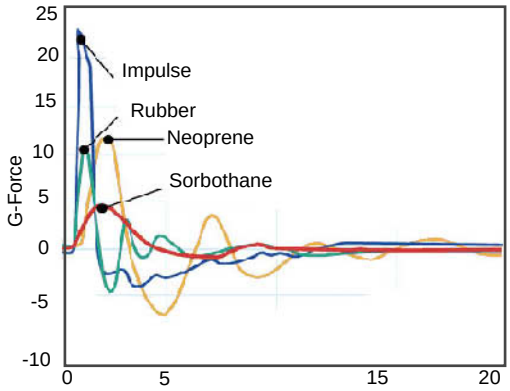
Bond tester on AM platform

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 the satin silcon stainless featured in the AMSR instrument platforms makes this ideal for use laboratories and cleanrooms and in Medical and Biological environments.

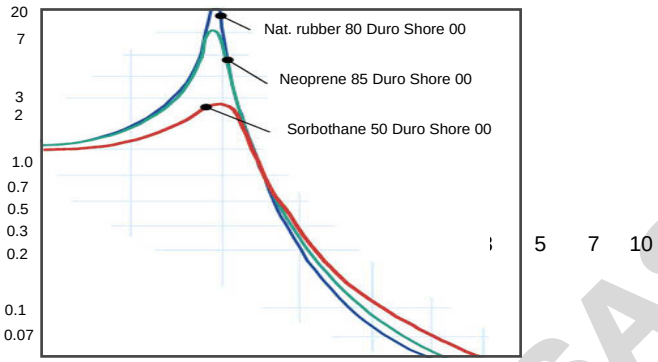
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Product Details

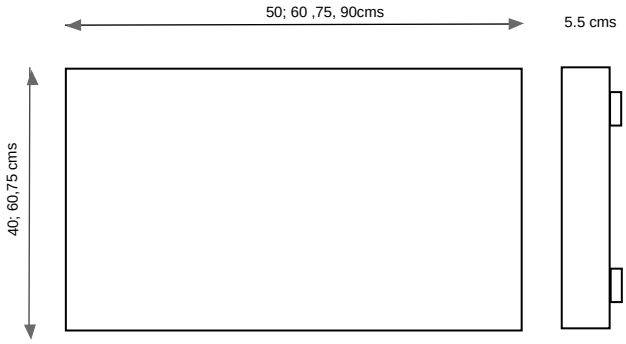


Time Delay Effect of Impuse Response



F/Fn

Ratio of Excitation Frequancy to Natural Frequency



Specifications AMSR series

Dimensions (LxW)	
LxW cm's	60x60;75x75;90x75;120x75
H mm's	55
Load capacity	200kgs
Surfaces	Pharma satin silicon finished 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	15 to 30kgs

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