

AMF-LX series active air balance platforms

High Performance anti vibration platforms for balances and microscopes



AMF-40x50-LX

Type	Performance	Surface	Isolation	Application
AMF-40x50-LX	Scientific	Stainless	Active air	Microbalances
AMF-60x60-LX	Scientific	Stainless	Active air	Microbalances

- Performance vibration isolation active air isolation platforms for microbalances in sizes 45x50 and 60x60cm
- Unique air damped rolling diaphragm sub 2Hz frequency isolator removes up to 99 percent of vibrations
- Surface pharma grade stain silicon stainless with Ra of 0.25 microns
- Stainless steel version meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack
- Sound deadened table construction eliminates unwanted surface vibrations

Our range of active air balance isolation platforms is large enough to support most of the larger microbalances. The air isolation platform effectively removes most vibrations while combining excellent stability. The damped rolling diaphragm isolators have a low natural frequency of 2Hz which effectively isolates out vibrations above 6Hz well below the frequencies at which typical building vibrations begin to occur. The pharma stainless worksurfaces have an Ra of 0.25 micron suitable for the highest levels of clean rooms. A wide range of options includes: tables with guard rails, monitor arms, castors, stainless surface and silent air compressors. A 316 stainless version is available for more demanding applications



AMB-30x45 passive platform



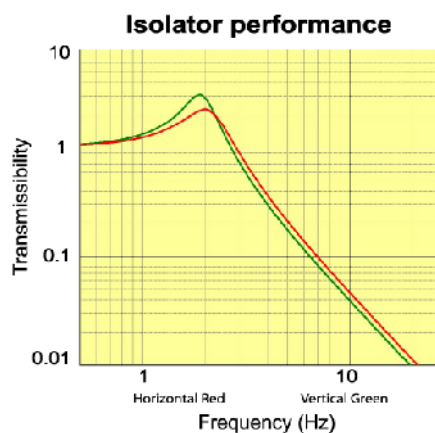
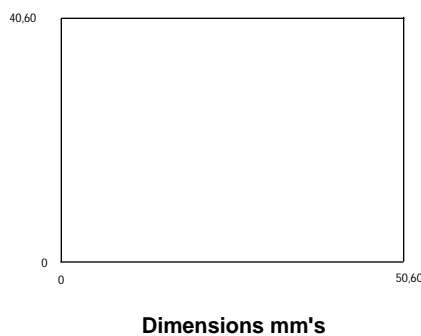
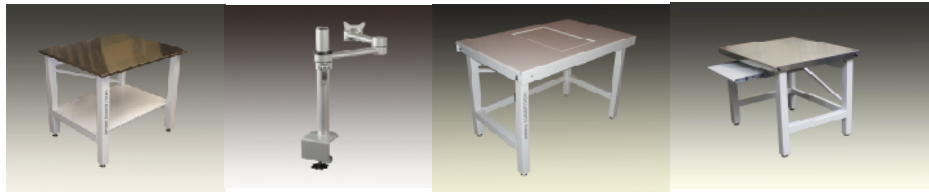
AMF-60x60-LX on AMTR-LX bench



AMF-60x60 with bond tester

Product Details

The AMF-LX platform series are active self-levelling platforms that require a supply of compressed air. We offer the C03 compressor which supplies up to 4bar of dry clean air at up to 20 litres/min. The air input is via a 6mm push fitting at the rear of the platform.



Specifications AMF-40x50-LX ; AMF-60x60-LX

Dimensions (LxWxD) mm's	
Tables	40x50 , 60x60cm
Platform working height mm's	60
Load capacity	100kgs
Level adjustment (mm's)	+/-3mm
Surfaces	Pharma stainless steel Ra 0.25 micron
Isolators	4off damped rolling diaphragm active air self-levelling
Isolation performance	
50Hz	97 percent
100Hz	99 percent
Natural frequency	2Hz
Air supply	5 bar (max 7) via 6mm push-fitting
Working temperature	-20 to +160 deg C