

## Anti-Vibration Tables and Platforms for Balances, Microscopes & Microtomes etc.

### Balance Platforms AMS

Three [high performance anti-vibration platforms](#) for analytical balances with a 30 x 45cm, 40 x 50cm or 60 x 60cm active area. The unique [tuned Sorbothane isolator](#) removes up to 98% of unwanted vibrations. Pharma grade stainless steel surface and seamless design meets the most stringent cleanliness requirements and is resistant to most chemicals. The sound deadening layer construction eliminates surface vibrations. Ideal for laboratories and cleanrooms. Supplied to leading balance manufacturers.

Specifications	AMS 30 x 45	AMS 40 x 50	AMS 60 x 60
Dimensions L x W x D	450 x 300 x 55mm	400 x 500 x 55mm	600 x 600 x 55mm
Load capacity	25Kg/55lbs	25Kg/55lbs	27Kg/59lbs
Surfaces	Pharma grade S/S	Pharma grade S/S	Pharma grade S/S
Isolators	4x Sorbothane	4 x Sorbothane	4 x Sorbothane
Weight	12Kg/25lbs	13Kg/26lbs	
Working temperature	-20 to + 160°C	-20 to + 160°C	-20 to + 160°C

**T561** 30x 45cm AMS balance platform  
**T561/1** 40 x 50cm AMS balance platform  
**T561/2** 60 x 60cm AMS balance platform



### Hi Spec Analytical Balance Platforms AMB

The AMB [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 Pharma grade stainless steel has a very low Ra of 0.3 making them ideal for clean-rooms and as well as being resistant to almost all forms of biological and chemical attack. Sound deadening layer eliminates surface vibrations.

Specifications	AMB 30 x 45	AMSB 40 x 50	AMB 60 x 60
Dimensions L x W x D	300 x 450 x 55mm	400 x 500 x 55mm	600 x 600 x 55mm
Load capacity	100Kg/220lbs	100Kg/220lbs	100Kg/220bs
Surfaces	Pharma grade S/S	Pharma grade S/S	Pharma grade S/S
Isolators	Pneumatic	Pneumatic	Pneumatic
Working temperature	-20° to + 120°C	-20° to + 120°C	-20° to + 120°C

**T564** 30 x 45cm AMB balance platform  
**T564/1** 40 x 50cm AMB balance platform  
**T564/2** 60 x 60cm AMB balance platform



**Anti-vibration systems offering three levels of performance:**

**Elastomer** - Ideal for most laboratory vibration isolation purposes. Modern elastomers are capable of very efficient damping.

**Passive Air** - Where there may be larger external influences such as power plants or boiler rooms. The air isolators can be adjusted manually.

**Active Air** - For heavier duty isolation where external influences are high or for higher floors of some buildings. Maintained by use of a silent compressor giving automatic adjustment of balance performance.



## Balance & Microscope Anti-vibration Workstations AMD-AS and AMD-SS

The 30 x 45cm [isolation area](#) for the instrument removes up to 98 percent of unwanted vibrations and the 240 satin silicon stainless work surface meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack. The stainless platform sits on four 7Hz Sorbothane or 2Hz pneumatic isolators and this sound deadened construction greatly outperforms simple steel and granite platforms.

The 75 x 75cm flush working area for support equipment will accept acoustic or laminar flow cabinets and the rigid steel frame with height adjustable levelling feet is easy to install and free from maintenance.

Ideal for 3 to 5 digit balances and research microscopes.

### Specifications

	AMD-SS	AMD-AS
Dimensions L x W x H	75 x 75 x 73cm	90 x 75 x 73cm
Load capacity	100Kg/220lbs	100Kg/220lbs
Surfaces	Pharma grade S/S	Pharma grade S/S
Isolators	Elastomer	<a href="#">Pneumatic</a>
Isolation performance % 50Hz	95	97
Isolation performance % 100Hz	98	99
Natural frequency	7Hz	2Hz
Frame construction & finish	Tubular steel/ White powder epoxy	Tubular steel/ White powder epoxy

**T572** Balance anti-vibration workstation AMD-SS elastomer isolators

**T572/1** Balance anti-vibration workstation AMD-AS [pneumatic isolators](#)

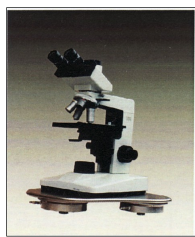
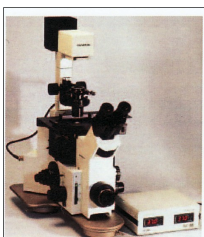
## Microscope Platform AMC-7

A high performance white bench top anti-vibration platform with the following features:

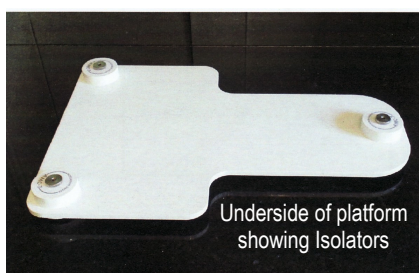
- Dimensions 38 x 58cm
- Contoured T shape ideal for stable microscope work
- Unique [elastomer isolator](#) removes up to 99% of vibrations
- Loads to 50Kg (75Kg option)

These platforms are made from high grade steel parts welded together for rigidity and coated with a tough white epoxy powder finish which is resistant to most forms of biological and chemical attack. The isolators can also be easily removed for cleaning.

**T568/25** Microscope platform AMC-7 25Kg capacity  
**T568/50** Microscope platform AMC-7 50Kg capacity



Surface view of Platform



Underside of platform showing Isolators

## Air Isolated Microscope Platform AMC-1

High performance 2Hz [air rolling diaphragm](#) anti-vibration platform for microscopes. Electroless nickel plating on aluminium for cleanroom requirements.

- Dimensions (L x W) 580 x 380mm (200mm wide at front by 310mm deep)
- Working Height 6cm
- Construction electroless nickel plate over aluminium
- Natural Frequency typically 2Hz
- Load Capacity 100kg
- Air input pump up via Woods cycle valve

**T574** Air isolated microscope platform AMC-1



## Microscope Workstation AMD-MP Passive Air

A range of air isolation microscope/microtome anti-vibration tables. The surface finish is white epoxy (or stainless steel) and there are 4 air rolling diaphragm supports. These supports are pumped up manually and give long term performance. They can be pumped up at any time easily by hand with the pump supplied.

These tables are large enough to carry most of the larger microscopes along with support equipment. Guard rails protect against accidental knocks whilst combining excellent stability

### Performance:

Isolation	97% at 50Hz 99% at 100Hz
Natural frequency	2Hz
Height	780mm
Load capacity	100Kg

[Metal side and under shelves, LCD monitor post and articulated arm rest bar are available as extras as are Gel arm rests and](#)

### Table sizes in mm:

780 x 780  
930 x 780  
230 x 780  
1530 x 780  
930 x 930  
1230 x 930  
1530 x 930

Tables can be fitted with **white TRESPA work surfaces**, a highly durable laminate material without a wooden core (which can be an infection control issue), providing a hard wearing work surface for medical applications and clean rooms



**Great Price/Performance Ratio**



**T563** Passive air 930 x 780 anti-vibration table with white epoxy work surfaces

Please ask for quotes





**T562** Microscope table AMD-MA

**C407** Silent air compressor

Full size metal shelf, computer shelf, side table, LCD monitor post, arm rest bar, articulated arm rests, gel arm rests and castors available as extras. Please ask for prices.

Silent oil-free compressor



## Active Area Microscope Table AMD-MA

A High Performance **active air** anti-vibration table for microscopes. A 123 x 78cm isolation table for research microscopes with a unique damped rolling diaphragm sub 2Hz frequency isolator which removes up to 99% of vibrations. The built-in 35 x 55cm isolation area gives excellent stability and maximises work area. The surrounding worktop can be used without disturbing the microscope. The damped rolling diaphragm isolators have a low natural frequency of 2Hz which effectively isolates out vibrations above 6Hz well below which typical building vibrations occur. Requires a compact oil-free **silent** air compressor for the active plate which can run up to **5 tables**. This and other options are available such as monitor arms, castors and Stainless Steel surface.

### Specifications:

Dimensions LxWxH	1230 x 780 x 780mm
Isolation area	350 x 750mm active air
Load capacity	100Kg
Level adjustment	± 30mm
Surfaces	White epoxy or Stainless Steel
Isolators	4x damped rolling diaphragm active air isolators

### Isolation performance:

50Hz	97%
100Hz	99%
Natural frequency	2Hz
Air supply	5 - 10 bar max via 6mm air line push fitting
Working temp	-20°C to +160°C
Weight	90Kg

**T562** AMD-MA table 1230L x 780W x 780mm H white epoxy surface, active area 350 x 550mm

**T562/1** AMD-MA table 930L x 780W x 780mm H

**T562/2** AMD-MA table 930L x 930W x 780mm H

**T562/3** AMD-MA table 1530L x 780W x 780mm H

## Active Area Microscope Table AMD-FH

A **high performance** anti-vibration microscope table with a ferromagnetic stainless steel worktop with 26 x M6 holes on a 25mm grid. Sub 2Hz frequency isolator removes 99% of vibrations and automatically adjusts to changes of load. This table is large enough to support most of the larger microscopes plus their ancillary equipment. The AMD-FH is supported by a wide range of options. These include a full size shelf that fits over the frame struts and a 30cm wide platform shelf that sits between the platform guards to carry support equipment, a computer arm that is adjustable and can be placed on the right or left side at the back. A range of castor feet is available and also a compact silent compressor (C407) which supplies clean dry air to the table.



Load capacity	100Kgs
Isolators	4 damped rolling diaphragm active air
Isolation performance	
50Hz	97%
100Hz	99%
Natural frequency	2Hz
Air supply	5-10 bar via 6mm airline (push fitting) and silent compressor
Working temp	-20° to +160°C

**T573** AMD-FH table 1200L x 750W x 750mm H

**T573/1** AMD-FH table 750L x 750W x 750mm H

**T573/2** AMD-FH table 900L x 750W x 750mm H



## Rigid and Sturdy Laboratory Table AMT

**High strength support tables for research instruments.** The AMT series of tables can be used as stand alone platforms where building vibration is minimal or as **side tables** to any of the other damped tables. They are available in a wide range of sizes and different worktop finishes to suit most requirements. The standard tables feature a white powder epoxy worktop bolted to a sturdy white epoxy powdered frame. The rigid frame has levelling feet which ensure the table is in excellent contact with the floor. A range of options includes: monitor arms and castor feet. The stainless range has pharma grade 304 series stainless tops DP finished 240 satin silicon and the Trespa range have 20mm Athlon tops with bevelled machined edges. Finally the S3 series have 316 grade tops which are suitable for the most demanding environments. Stainless frames are also available as well as custom shapes and sizes.



- T575** Standard AMT square table **750mm long x 750 wide**, white powder epoxy worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T575/1** AMT table **900mm long x 750mm wide** white powder epoxy worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T575/2** AMT table **1200mm long x 750mm wide** white powder epoxy worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T575/3** AMT table **1500mm long x 750mm wide** white powder epoxy worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T576** AMTS square table **750mm long x 750mm wide** **stainless steel DP worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T576/1** AMTS table **900mm long x 750mm wide** **stainless steel DP worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T576/2** AMTS table **1200mm long x 750mm wide** **stainless steel DP worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T576/3** AMTS table **1500mm long x 750mm wide**, **stainless steel DP worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T577** AMTR table **750mm long x 750mm wide** Trespa Athlon worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T577/1** AMTR table **900mm long x 750mm wide** Trespa Athlon worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T577/2** AMTR table **1200mm long x 750mm wide** Trespa Athlon worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T577/3** AMTR table **1500mm long x 750mm wide** Trespa Athlon worktop, steel, white epoxy powdered frame, adjustable levelling feet.
- T578** AMTS3 square table **750mm long x 750mm wide** **stainless 316 bright polished worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T578/1** AMTS3 square table **900mm long x 750mm wide** **stainless 316 bright polished worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T578/2** AMTS3 square table **1200mm long x 750mm wide** **stainless 316 bright polished worktop**, steel, white epoxy powdered frame, adjustable levelling feet.
- T578/3** AMTS3 square table **1500mm long x 750mm wide** **stainless 316 bright polished worktop**, steel, white epoxy powdered frame, adjustable levelling feet.



### Microscope Table AMT Options

	AMT Series	AMTS Series	AMTR Series	AMTS3 Series
Table Surface	White powder epoxy on steel	Stainless steel DP finish	Trespa Athlon white	Stainless 316 polished
Worktop Depth	50mm	50mm	20mm	50mm
Frame Construction	White epoxy powder steel box	White epoxy powder steel	White epoxy powder steel	White epoxy powder steel
Lengths Available mm	750, 900, 1200, 1500	750, 900, 1200, 1500	750, 900, 1200, 1500	750, 900, 1200, 1500
Width mm	750	750	750	750
Height adjustment range	700 to 730mm	700 to 730mm	700 to 730mm	700 to 730mm