#### 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<br>Load capacity | 450 x 300 x 55mm<br>25Kg/55lbs | 400 x 500 x 55mm<br>25Kg/55lbs | 600 x 600 x 55mm<br>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                 |  |
| <b>T561</b> 30x 45cm                  | MS balance platfo              | rm                             |                                |  |



T56130x 45cm AMS balance platformT561/140 x 50cm AMS balance platformT561/260 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.

| Specifica                | Decifications AMB 30 x 45 |  | AMSB 40 x 50     | AMB 60 x 60      |  |
|--------------------------|---------------------------|--|------------------|------------------|--|
| Dimensions L x           | WxD                       | 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 temper           | ature                     | -20° to + 120°C  | -20° to + 120°C  | -20° to + 120°C  |  |
| T564<br>T564/1<br>T564/2 | 40 x 50cr                 | m AMB balance platform<br>m AMB balance platform<br>m AMB balance platform |                  |                  |  |







11

#### 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                            | Pneumatic                            |
| Isolation performance % 50F | Hz 95                                | 97                                   |
| Isolation performance % 100 | )Hz 98                               | 99                                   |
| Natural frequency           | 7Hz                                  | 2Hz                                  |
| Frame construction & finish | Tubular steel/ White<br>powder epoxy | Tubular steel/ White<br>powder epoxy |

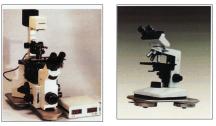
T572 Balance anti-vibration workstation AMD-SS elastomer isolators T572/1 Balance anti-vibration workstation AMD-AS pneumatic isolators

### Microscope Platform AMC-7

Dimensions 38 x 58cm

Loads to 50Kg (75Kg option)

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





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 T568/50

Microscope platform AMC-7 25Kg capacity Microscope platform AMC-7 50Kg capacity

Contoured T shape ideal for stable microscope work Unique elastomer isolator removes up to 99% of vibrations



Surface view of Platform



### 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        |

Table sizes in mm:

Metal side and under shelves, LCD monitor post and articulated arm rest bar are available as extras as are Gel arm rests and

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

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

Please ask for quotes













**Great Price/Performance Ratio** 







11



Microscope table AMD-MA T562 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 oilfree 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 Isolation area Load capacity Level adjustment Surfaces Isolators Isolation performance: 50Hz 100Hz Natural frequency Air supply Working temp Weight

1230 x 780 x 780mm 350 x 750mm active air 100Kg ± 30mm White epoxy or Stainless Steel 4x damped rolling diaphragm active air isolators

97% 99% 2Hz 5 - 10 bar max via 6mm air line push fitting -20°C to +160°C 90Kg

T562 AMD-MA table1230Lx 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



Articulated Armrest



### 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 perform | nance   |  |
| 50Hz              | 97%   |  |
| 100Hz             | 99%   |  |
| Natural frequen   | cy 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                           |  |
|                   | AMD-FH table 750L x 750W x 750mm H                            |  |

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



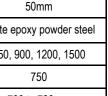
#### **Rigid and Sturdy Laboratory Table AMT**

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 ep oxy powdered frame, adjustable levelling feet.
- T577/3 AMTR table 1500mm long x 750mm wide Trespa Athlon worktop, steel, white ep oxy powdered frame, adjustable levelling feet.
- AMTS3 square table 750mm long x 750mm wide stainless 316 bright polished T578 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.

|                         | 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             |

**Microscope Table AMT Options** 











#### TAAB Stereo Microscopes

#### Meiji EMZ-5 Stereo Zoom

A Japanese made high quality stereo with LED illumination. Excellent value for money.

- Binocular zoom body with precision optics giving high resolution and an excellent image
- Rugged all metal body designed for a lifetime of performance
- Zoom range 0.7x to 4.5x = 7x to 45x with standard 10x eyepieces
- Zoom ration 6.5:1
- Ergonomically positioned bilateral zoom controls
- Binocular eyetubes inclined at 45° for fatigue-free viewing
- Dual dioptric adjustment (± 5 dioptres) allows specimen to remain in focus throughout zoom range
- Interpupillary adjustment from 54mm to 75mm
- Binocular body can be rotated 360° and locked in any position
- Standard working distance 93mm
- PKL LED stand as shown opposite with incident and transmitted light giving bright long life illumination. Incorporates voltage sensing power supply

| M095<br>M096 | Meiji EMZ-5 Stereo Zoom with LED illumination on pole stand<br>Meiji EMZ-5TR Stereo Zoom with <i>Trinocular Head</i>   |
|--------------|--|
| Necessary a  | ccessories for M096  |
| MA150/50     | Camera attachment to fit 25mm Ø trinoc tube of M096. Consists of<br>camera tube and detachable clamp. Needs T2 adapter ring (availa<br>for Canon, Contax/Yashica, Konica, Minolta, Nikon, Olympus, Pen |

camera tube and detachable clamp. Needs T2 adapter ring (available for Canon, Contax/Yashica, Konica, Minolta, Nikon, Olympus, Pentax, Praktika (bayonet)
 MA512 2.5x photoeyepiece - matches field of 10x eyepiece
 MA541 Camera field framing graticule for focusing SWF 10x eyepiece
 MA151/N CCTV adapter to fit phototube of M096. Consists of a shortened phototube to replace standard item and an adjustable 'C' mount Digital cameras are available for this microscope

### Phase Contrast Asbestos Test Slide

HSE/NPL Test Slide for Phase Contrast Calibration in Asbestos Analysis. This test slide is made in the UK under license from the National Physical Laboratory. The purpose of the slide is to provide a standard means to check the performance of phase microscopes prior to the analysis of asbestos. The pattern consists of seven bands of twenty lines with widths ranging from 0.25 microns to 1.1 microns. This slide is the band 5 version where microscopes need to be able to fully view band 5 and partially view band 6.

Each slide is fully tested and approved by the Health & Safety Laboratory, and issued with a certificate. HSE recommend the slide is recalibrated every 3 years.

S470 Asbestos Test Slide

#### **Stage Micrometer**

#### See also page 11/10

The most common microscope calibration scale used to calibrate eyepiece graticules. TAAB offer a scale length of 1mm divided into 0.01mm divisions. To obtain maximum accuracy the image of the stage micrometer is protected by a micro cover glass to exactly correspond with the specimen it replaces as the majority of microscopes are corrected for examining specimens through a cover glass by transmitted light. For incident light specimens the 1mm stage micrometer is available without cover glass.

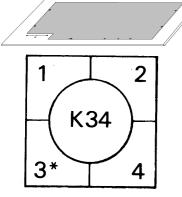
M144Stage micrometer 1mm x 0.01mm for transmitted lightM145Stage micrometer 1mm x 0.01mm for incident light





#### 11.6

### **The England Finder**



The above example shows the point of interest in sector K34/3

The England finder is a glass slide marked over the top surface in such a way that a reference position can be deduced by direct reading. The relationship between the reference pattern and the locating edges is the same in all finders. The object of the finder is to give the microscopist an easy method of recording the position of a particular field of interest in a specimen mounted on a slide so that the same position can be re-located using any other England finder on any microscope.

The finder consists of a glass slide 75 x 26mm marked with a square grid at 1mm intervals. Each square contains a centre ring bearing a reference letter and number, the remainder of the square being divided into four segments numbered 1-4. Reference numbers run horizontally 1 to 75 and letters A to Z

G110 England finder

### **Eyepiece Graticules**

These are the surface type where the pattern is formed in a layer bonded to the surface of the glass disc and the pattern reads correctly when viewed *through* the glass. Must be viewed using a focusing eyepiece.

Please note that any dimensions described in this section refer to the absolute dimensions of the graticule itself and not the dimensions of any specimen being observed.

M146 Horizontal line 10mm/0.1mm div, 21mm Ø

M147 Vertical line 10mm/0.1mm div, 19mm Ø

M148 As above 21mm Ø

M149 Crossed lines 10mm/0.1mm div , 21mm Ø

M150 Horiz. line 10mm/0.1mm div with single cross line, 21mm Ø

M151 Crossed single 10mm lines 19mm Ø

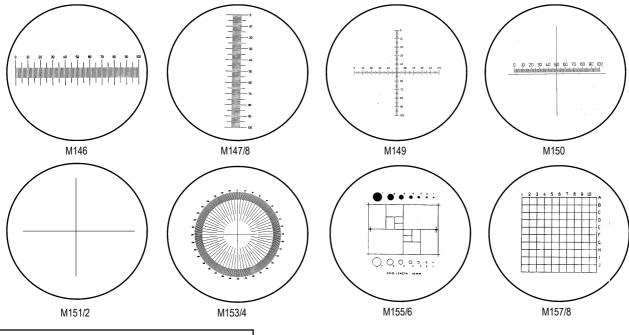
M152 As above 21mm Ø

M153 Protractor graticule 19mm Ø M154 As above 21mm Ø

M155 British Standard circles & squares, 19mm Ø

M156 As above 21mm M157 10mm indexed squares 1mm div, 19mm Ø

M158 As above 21mm div



#### **Microscope Calibration**

In addition to the graticules displayed above we can offer others for stereology, particle sizing, particle distribution, metallurgical grain sizing, asbestos fibre analysis (Walton & Beckett graticule), spray droplet distribution, etc.

If the standard eyepiece graticules and stage micrometers are insufficient traceability for your applications we can supply a range of certified linear, long scales and grids for more accurate calibration. These can have a certificate of conformity or NPL (NAMAS) certificate of accuracy.

#### **Microscope Slides**

### Chance Glass

Chance Glass is the company that has replaced the now defunct Chance Proper. The glass used in the manufacture of all Chance Glass microscope slides is subject to rigid quality control procedures that ensures flatness with no impurities or defects. Durable non-fogging characteristics allow guaranteed storage without deterioration for at least one year. All Chance Glass microscope slides are subject to a customised washing procedure that ensures a clean slide surface with optimum wetting characteristics. All slides are manufactured to BS 7011.

#### See next page for microscope slide selection tables

#### **Economy Range**

A range of microscope slides at a competitive price, making them most attractive for educational purposes. All four edges are grit blasted to give safety of handling during use. Our Economy Range slides are general purpose microscope slides suitable for most sample mounting techniques in pathology laboratories or working with liquid samples. Unique to this range is the facility to supply sizes other than the standard 76 x 26mm dimensions with plain, single frosted or twin frosted working surfaces.

#### **Superior Slides**

A good quality budget range of microscope slides available in boxes of 50 for the occasional user not needing to maintain high stocks of slides.

#### Surgipath Leica Xtra™Slides

A special process produces a microscope slide that has a permanent positively (+) charged surface that helps to bond tissue sections either embedded or frozen, and also improves cytology preparations without the use of additional adhesives. Background staining is virtually eliminated in standard H & E stains. Tissue adherence is also improved for microwave staining and as the slides are RNAse-free, they are ideal for hybridization work. Excellent value when compared with other surface reactive slides.

#### **Fully Frosted Slides**



M235 Microscope Slides completely frosted on one side for body fluid investigations and other uses box of 72

#### **Oversize Slides**

**M236** Microscope slides 76 x 51mm 1.0/1.2 mm thick box of 100 Other sizes available to special order but subject to minimum quantity purchase

#### Microscope Slide Dispenser

M064 Dispenses slides one-by-one from dust-free storage

#### Large Microscope Slides

See M236 "Oversize Microscope Slides" above

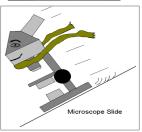
box of 100

#### **PTFE Coated Microscope Slides**

Re-usable slides enabling many samples to be processed on one slide without any running together. Many hole options in size, number and black or white coating. In packs of 100. Please ask for details









#### **Microscope Slide Selection Tables**

| Quantity 100/Box |            |         |         |
|------------------|------------|---------|---------|
| Slide detail     | Plain      | Single  | Double  |
|                  |            | frosted | frosted |
| Routine slides   |            |         |         |
| 0.8/1.0mm        | M350/P/1.0 | n/a     | n/a     |

Single frosted means that the slide is frosted at one end on one side only

Double frosted means that the slide is frosted at one end on both sides of glass

| Quantity 50/Box                 |                         |             |             |
|---------------------------------|-------------------------|-------------|-------------|
| Superior slides<br>Ground edges |                         |             |             |
| 0.8/1.0mm                       | M353/P/1.0              | M353/SF/1.0 | M353/DF/1.0 |
| 1.0/1.2mm                       | M353/P/1.2              | n/a         | M353/DF/1.2 |
| Superior slides                 |                         | Cavity      |             |
|                                 | One                     | Two         | Three       |
|                                 | cavity diameter 15/16mm | •           | •           |
| 1.2/1.5mm                       | M123/1C/50              | M123/2C/50  | M123/3C/50  |

| Surgipath Micro Slides | 50/Box |        |        |        |        |
|------------------------|--------|--------|--------|--------|--------|
| Colour frosting        | White  | Blue   | Orange | Yellow | Pink   |
| 1.0mm                  | M349/W | M349/B | M349/O | M349/Y | M349/P |

| Surgipath Xtra™ Slides | 72/Box |        |        |        |        |
|------------------------|--------|--------|--------|--------|--------|
| Colour frosting        | White  | Blue   | Green  | Yellow | Pink   |
| 1.0mm                  | M221/W | M221/B | M221/G | M221/Y | M221/P |

#### **Quartz Slides**

M212 Quartz microscope slides 76 x 26 x 1.0mm pack of 5

#### **Plastic Slides**

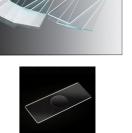
M207 Permanox<sup>™</sup> slides for anchorage dependent cells. Can be embedded and sectioned, box 100 M400 Polystyrene slides 3" x 1" pack of 25 M400/100 Polystyrene slides 3" x 1" pack of 100

#### Nunc<sup>™</sup> Lab-Tek Chamber Slides for Tissue Culture

The tissue culture chamber culture slides are sterile microscope slides with detachable chambered upper structures. The chambers are bonded to a 75 x 25mm microscope slide by means of a removable gasket. The cells are grown directly on the slide in 4-5ml of medium and after culturing the upper structure is simply removed and the slide placed under the microscope. This saves time, media and reagents. There are options of glass or Permanox (PX) plastic slides.

M193 One chamber, glass 16 pieces M194 One chamber, (PX) 16 pieces Also available with 2 or 4 chambers on request

M195 Eight chamber, glass 16 pieces M196 Eight chamber, (PX) 16 pieces









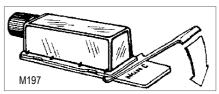




M195/196

#### Nunc<sup>™</sup> Slide Flask

Single slide culture chambers designed specifically for prenatal cytogenetic diagnosis but suitable for other applications in tissue culture, they are sterile and use only 3ml of medium. Microscope slide is polystyrene and there is a special opening tool for removing the slide from the chamber.



M197 Slide flask sterile 50 pieces

#### **Cover Slips**

Our cover slips are manufactured from borosilicate glass which is subjected to the same high quality control procedures as microscope slide glass. The glass is formulated specifically to obtain high resistance to surface deterioration, resistance to fogging and microscopic mould , even under extreme environmental conditions.

The optical qualities are exceptional with rigorous production inspection to ensure flatness and freedom from impurities. They are plain, homogeneous, distortion free with maximum flexibility but free from warp. Packed in sturdy clear plastic dispenser boxes of 100 pieces.

Available in circles, squares and rectangles in standard sizes. Non standard sizes available to special order.

#### Thickness ranges:

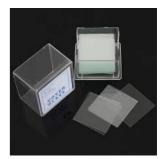
| No.0 0.085 - 0.13mm | No. 1.50.16 - 0.19mm |
|---------------------|----------------------|
| No.1 0.13 - 0.17mm  | No.2 0.19 - 0.25mm   |

No.3.... 0.25 - 0.35mm

#### **Coverslip Selection Tables**

| Pack sizes as indicated |            |            |            |            |            |  |
|-------------------------|------------|------------|------------|------------|------------|--|
| Thickness Code          | No. 0      | No.1       | No.1.5     | No.2       | No.3       |  |
| Circles                 | Box of 100 |  |
| 10mm dia                | M231/0     | M231/1     |            |            |            |  |
| 13mm diam.              | M160/0     | M160/1     | M160/1.5   | M160/2     | M160/3     |  |
| 16mm diam.              | M127/0     | M127/1     | M127/1.5   | M127/2     | M127/3     |  |
| 19mm diam.              | M128/0     | M128/1     | M128/1.5   |            |            |  |
| 22mm diam.              | M070/0     | M070/1     | M070/1.5   |            |            |  |
| Squares                 | Box of 200 | Box of 200 | Box of 200 | Box of 100 |            |  |
| 18 x 18mm               | M125/0     | M125/1     | M125/1.5   | M125/2     |            |  |
| 20 x 20mm               | M126/0     | M126/1     | M126/1.5   | M126/2     |            |  |
| 22 x 22mm               | M069/0     | M069/1     | M069/1.5   | M069/2     |            |  |
| 24 x 24mm               | M224/0     | M224/1     | M224/1.5   | M224/2     |            |  |
| Rectangles              | Box of 100 | Box of 100 | Box of 100 | Box of 50  |            |  |
| 21 x 26mm (200)         | M225/0     | M225/1     | M225/1.5   |            |            |  |
| 22 x 32mm               | M226/0     | M226/1     | M226/1.5   |            |            |  |
| 22 x 40mm               | M198/0     | M198/1     | M198/1.5   |            |            |  |
| 22 x 50mm               | M227/0     | M227/1     | M227/1.5   |            |            |  |
| 22 x 60mm               | M099/0     | M099/1     | M099/1.5   |            |            |  |
| 24 x 32mm               | M228/0     | M228/1     | M228/1.5   |            |            |  |
| 24 x 40mm               | M229/0     | M229/1     | M229/1.5   | M229/2     |            |  |
| 24 x 50mm               | M230/0     | M230/1     | M230/1.5   | M230/2     |            |  |







#### **Coverslip Mountants - See Page 22.34**

Canada Balsam, Citifluor, DPX, Eukitt, Euparal, Gum Arabic, Hystomount, Meltmounts, Paraseal, Permount, Pertex, UV Free Mountant, Watermount. Also coverslip sealing solution S343.



#### **Plastic Coverslips**

*Thermanox*<sup>™</sup> sterile coverslips for embedding cell cultures. Resistant to most solvents and can be sectioned with the embedded cells.

 M179
 22 x 60mm pack of 500
 M179/1
 22 x 60mm pack of 100

 M180
 10.5 x 22mm pack of 500
 M180/1
 10.5 x 22mm pack of 100

 M181
 Circular 13mm Ø pack of 500
 M181/1
 Circular 13mm Ø pack of 100

M182 Circular 25mm Ø pack of 500 M182/1 Circular 25mm Ø pack of 100

*Cellulose acetate* coverslips, unbreakable, flexible. **M200** 22 x 22mm, 0.007" thick, box of 100

#### **Quartz Coverslips**

M213Circular quartz coverslips 10mm Øpack of 5M214Circular quartz coverslips 22mm Øpack of 5

#### **Immersion Oils - See Chemical Section**

Cedarwood oil, Fractoil (non fluorescent), Panscan, Panscan Xtra

#### **Coverslip Forceps**

T179 Steel nickel plated forceps with angled flat blade, ideal for handling coverslips

#### Section Lifter

S167 Stainless steel with blade length of 55mm

#### Pens and Pencils

Pencils-Chinagraph for writing on polished surfaces including glass

- P198 Pencil, chinagraph black P199 Pencil, chinagraph - blue
- **P200** Pencil, chinagraph blue P200 Pencil, chinagraph - red
  - Pencil, chinagraph red
- P201 Pencil, chinagraph yellow P202 Pencil, chinagraph - green

#### Pens

P203 Glass marking pen suitable for writing on most surfaces, removable with deter gent wash.

#### **Slide Mailing Boxes**

**Single** and **double** slide mailers made from strong durable cardboard with flap cover and thumb groove for easy slide removal

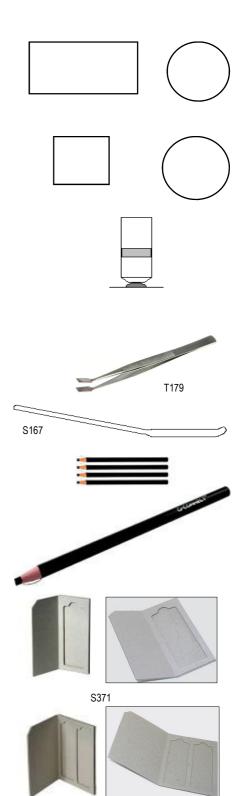
| S371     | Single cardboard slide holder | pack of 10  |
|----------|-------------------------------|-------------|
| S371/1   | Single cardboard slide holder | pack of 100 |
| S371/D   | Double cardboard slide holder | pack of 10  |
| S371/D/1 | Double cardboard slide holder | pack of 100 |

We also offer a choice of microscope slide boxes manufactured in tough polypropylene for safe storage or transportation of up to **5** slides  $3^{\circ} \times 1^{\circ}$ . The slides are easily inserted and are always protected with a snap-on positive lock lid.

S124 Slide mailing box for 5 slides with end lid, pack of 50

S124/1 As above pack of 10

S523 As above but with lid on long side, pack of 10



S371/D



S124

11.11

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