

Optical Microscopy

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.

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

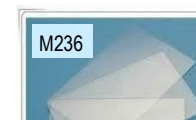
M235 Microscope Slides completely frosted on one side for body fluid investigations and other uses box of 72

Black Anodized Slides

M466 Black anodized metal slides for metallography 75 x 25mm for mounting specimens for reflected light examination or polishing and grinding.

Oversize Slides

M232 Microscope slides 76 x 51 mm 1.0/1.2mm thick box of 50



Optical Micro

Microscope Slide

Quantity 100/Box

Slide detail	Plain
Routine slides	
0.8/1.0mm	M350/P

Single frosted means that the slide is frosted on one side.

Double frosted means that the slide is frosted on both sides.

Quantity 50/Box

Superior slides	
Ground edges	
0.8/1.0mm	M353/P
1.0/1.2mm	M353/P
Superior slides	
	One
	cavity diameter 15
1.2/1.5mm	M123/10

Surgipath Micro Slides 50/Box

Colour frosting	White	Blue
1.0mm	M349/W	M349/B

Surgipath Xtra™ Slides 72/Box

Colour frosting	White	Blue
1.0mm	M221/W	M221/B

Quartz Slides

M212 Quartz microscope slides 76 x 26 x 1.0mm

Plastic Slides

M207 Permanox™ slides for anchorage dependent cell culture

M400 Polystyrene slides 3" x 1" pack of 25

M236 Microscope slides 76 x 51mm 1.0/1.2 mm thick box of 50
Other sizes available to special order but subject to minimum quantity purchase

Microscope Slide Dispenser

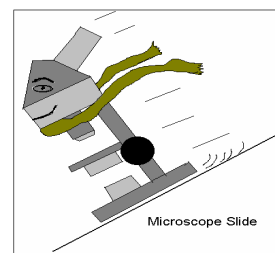
M064 Dispenses slides one-by-one from dust-free storage

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



M207 Permanox slides for anchorage dependent cells
M400 Polystyrene slides 3" x 1" pack of 25

Nunc™ Lab-Tek Cham

The tissue culture chamber culture slides chambered upper structures. The chambers are held in place by means of a removable gasket. The cells are grown in the lower chamber. After culturing the upper structure is simply removed. This saves time, media and reagents. There are

M193 One chamber, glass 16 pieces

M194 One chamber, (PX) 16 pieces

Also available with 2 or 4 chambers on request

Optical Microscopy

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Microscope Slide Selection Tables

Quantity 100/Box			
Slide detail	Plain	Single frosted	Double 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			
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

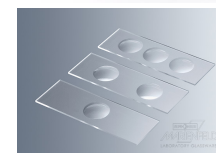
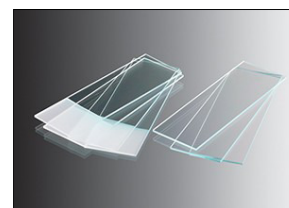
Quartz Slides

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

Plastic Slides

M207 Permanox™ 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™ 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 Permax (PX) plastic slides.

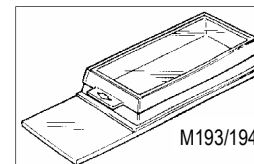
M193 One chamber, glass 16 pieces

M195 Eight chamber, glass 16 pieces

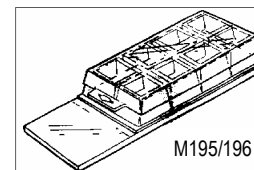
M194 One chamber, (PX) 16 pieces

M196 Eight chamber, (PX) 16 pieces

Also available with 2 or 4 chambers on request



M193/194

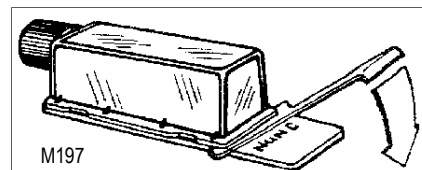


M195/196

Nunc™ 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.

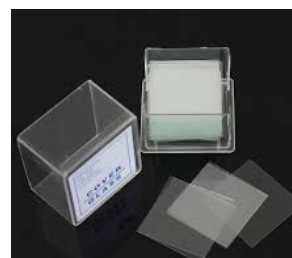
Available in circles, squares and rectangles in standard sizes. Non standard sizes available to special order.

Thickness ranges:

No.0.... 0.085 - 0.13mm	No. 1.5.... 0.16 - 0.19mm	No.3.... 0.25 - 0.35mm
No.1.... 0.13 - 0.17mm	No.2.... 0.19 - 0.25mm	

Coverslip Selection Tables

Pack sizes as indicated					
Thickness Code	No. 0	No.1	No.1.5	No.2	No.3
Circles	Box of 100	Box of 100	Box of 100	Box of 100	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	



Plastic Coverslips

Thermanox™ sterile coverslips for embedding and can be sectioned with the embedded cells.

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

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

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

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

Cellulose acetate coverslips, unbreakable, flexible

M200 22 x 22mm, 0.007" thick, box of 100

Quartz Coverslips

M213 Circular quartz coverslips 10mm Ø p

M214 Circular quartz coverslips 22mm Ø p

Immersion Oils - See Chem

Cedarwood oil, Fractoil (non fluorescent), Pansol

Coverslip Forceps

T179 Steel nickel plated forceps with angled fl

Section Lifter

S167 Stainless steel with blade length of 55mm

Pens and Pencils

Pencils-Chinagraph for writing on polished sur

P198 Pencil, chinagraph - black P

P199 Pencil, chinagraph - blue P

P200 Pencil, chinagraph - red

Pens

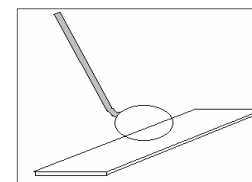
P203 Glass marking pen suitable for writing on gent wash.

Slide Mailing Boxes

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, Permunt, Pertex, UV Free Mountant, Watermount. Also coverslip sealing solution S343.



Slide Mailing Boxes

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

- S371** Single cardboard slide holder p
- S371/1** Single cardboard slide holder p
- S371/D** Double cardboard slide holder p
- S371/D/1** Double cardboard slide holder p

We also offer a choice of microscope slide boxes for safe storage or transportation of up to **5** slides and are always protected with a snap-on positive

- S124** Slide mailing box for 5 slides with end p
- S124/1** As above pack of 10
- S523** As above but with lid on long side, p

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Phone: +44 (0) 118 981 7775

Fax: +44 (0) 118 981 7881

E-mail: sales@taab.co.uk

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Plastic Coverslips

Thermanox™ 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

M213	Circular quartz coverslips 10mm Ø	pack of 5
M214	Circular quartz coverslips 22mm Ø	pack 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

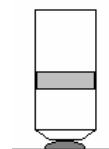
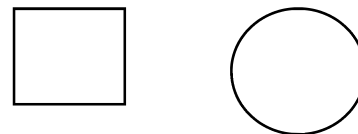
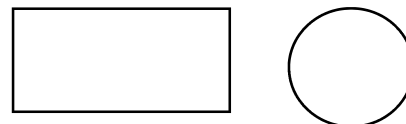
Pencils-Chinagraph for writing on polished surfaces including glass

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

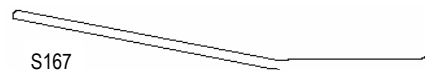
Pens

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

Slide Mailing Boxes



T179



S167



Slide Mailing Boxes

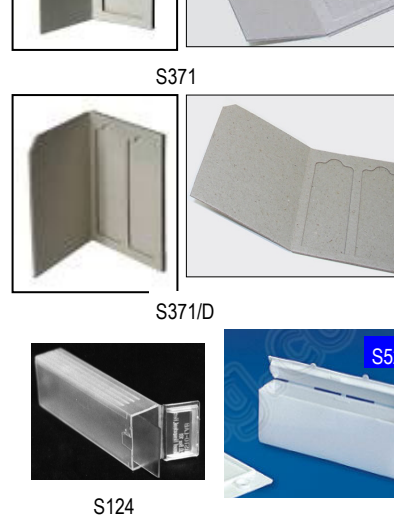
Single and **double** slide mailers made from strong durable cardboard with flap cover and thumb groove for easy slide removal

S371	<i>Single</i> cardboard slide holder	pack of 10
S371/1	<i>Single</i> cardboard slide holder	pack of 100
S371/D	<i>Double</i> cardboard slide holder	pack of 10
S371/D/1	<i>Double</i> 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" x 1". 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
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Phone: +44 (0) 118 981 7775

Fax: +44 (0) 118 981 7881

E-mail: sales@taab.co.uk

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