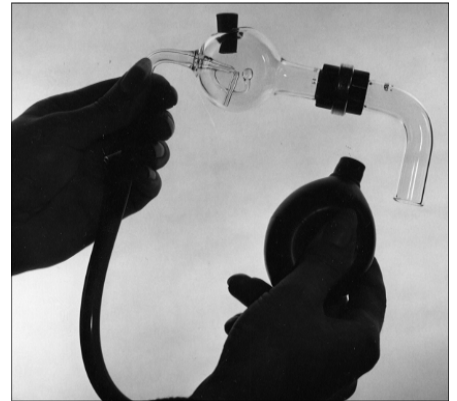


Glass Microspray - Atomiser

Designed to atomise very small volumes of liquid, the spray is valuable in preparing virus and protein suspensions and a wide variety of other particle preparations. The spray is made in glass to facilitate thorough washing and autoclaving. It will operate with as little as 0.2ml of suspension. It normally directs the suspension onto grids lying on a horizontal surface, through a right angled exit tube. A screw joint to the extension permits alternative attachment to a closed vessel for extra protection during dangerous preparations. The blowball attached to the air inlet is valved so that there is no sucking back of vapour from the spray. Spray droplets down to μm are formed.

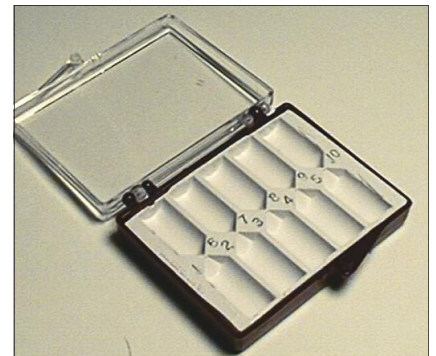
- | | | |
|-------------|--|----------|
| M073 | Glass microspray, complete | each |
| | spare parts may be purchased separately | |
| M074 | Glass spray with bung | each |
| M075 | 2-Way valved PVC blowball | each |
| M076 | PTFE gasket, screwed union and tube with 90° bend for attachment to M074 | set |
| M077 | Spare bungs for spray | pack/ 10 |



BEEM Block Holder Module

A small moulded box with clear plastic snap-fit cover. This box holds up to ten size 00 (8mm) blocks in numbered compartments.

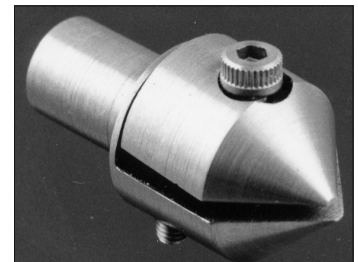
- | | | |
|---------------|--------------------------|--------|
| B103 | BEEM block holder module | each |
| B103/1 | BEEM block holder module | per 10 |



Microtome Chuck - Flat Embedding Mould

A useful flat embedding chuck suitable for all Reichert and RMC ultramicrotomes. Careful design allows total adjustment of jaws to cope with varying thicknesses of resin blocks.

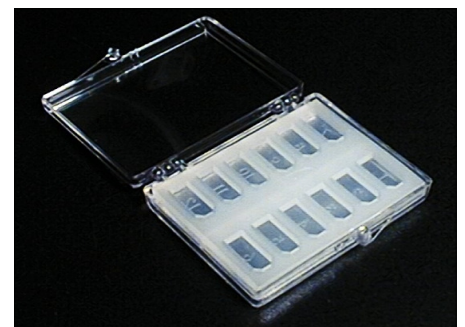
- | | | |
|-------------|---|------|
| S264 | Microtome chuck - flat embedding mould | each |
| | <i>Also available for LKB please ask.</i> | |



BEEM Flat Embedding Mould

A virtually transparent polyethylene mould, each cavity is numbered and each unit can produce up to 12 smooth flat polished blocks, size 12mm x 5mm x 3mm deep. The transparent nature of the mould facilitates specimen orientation with bottom illumination. Supplied in a plastic box with hinged lid.

- | | | |
|---------------|---------------------------|--------|
| E107 | BEEM flat embedding mould | each |
| E107/1 | BEEM flat embedding mould | per 10 |

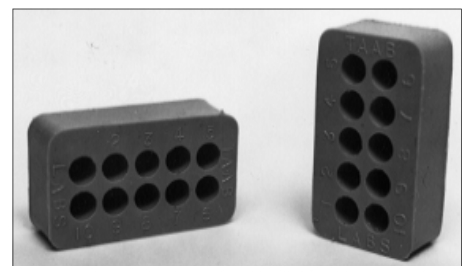


Silicone Moulds

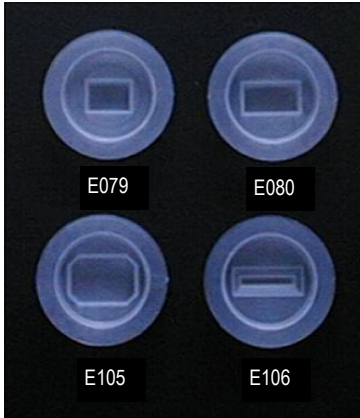
A range of moulds that give an alternative method of embedding to TAAB or BEEM capsules. Re-usable, ease of block removal, easy to stack, ten numbered impressions are just a few of the obvious advantages. Along with other silicone moulds, these moulds are not recommended for use with some resins and methacrylates. In these and other circumstances – we suggest the use of TAAB's full range of polyethylene and polypropylene capsules.

This range of moulds produce the classical style of blocks in 8mm diameter. TAAB have extended the range to include a flat version with the length of block produced reduced to 9mm long.

- | | | |
|--------------|--|------|
| E076 | TAAB silicone mould, truncated cone | each |
| E077 | TAAB silicone mould, truncated pyramid | each |
| E078 | TAAB silicone mould, flat | each |
| E078X | TAAB silicone mould, flat x 9mm long | each |

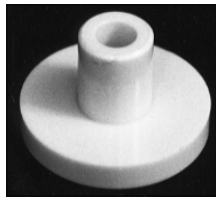


Embedding Moulds and Stubs



An embedding system producing ready mounted blocks in a choice of **four sizes** for direct mounting to microtomes. The rigid plastic stubs bond to all resins and can be clamped in the microtome on a choice of two diameters, 25mm or 10mm. These stubs are inexpensive, can be written on for reference and are intended to be used as a disposable item. The E092 range of stubs has a deeper 25mm diameter flange to provide more secure clamping in the microtome. The stubs are available in a range of colours for coding of specimens. The polyethylene moulds are individual items which nest in stackable aluminium trays embedding trays each holding up to 6 moulds, which can be any one of the four available mould types 16 x 8 x 5mm deep; 12 x 8 x 5mm deep; 19 x 13 x 5mm deep and 16 x 2 x 5mm deep.

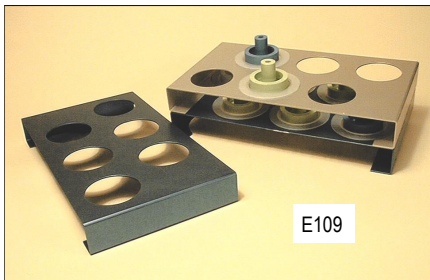
The aluminium trays are durable and with reasonable care will last for years. The moulds may be re-used several times.



E081



E092



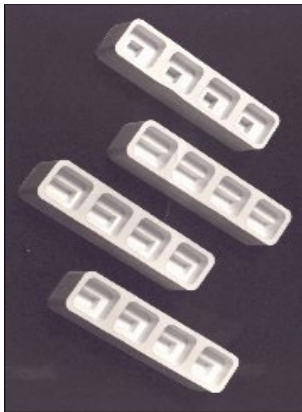
E109

E079	Embedding mould 12mm x 8mm	per 100
E080	Embedding mould 16mm x 8mm	per 100
E105	Embedding mould 19mm x 13mm	per 100
E106	Embedding mould 16mm x 2mm	per 100
E109	Embedding tray	per 10

E081	Embedding stubs – shallow flange – white	per 100
E081/B	Embedding stubs – shallow flange – blue	per 100
E081/G	Embedding stubs – shallow flange – green	per 100
E081/R	Embedding stubs – shallow flange – random colours	per 100
E081/Y	Embedding stubs – shallow flange – yellow	per 100
E092	Embedding stubs – deep flange – white	per 100
E092/B	Embedding stubs – deep flange – blue	per 100
E092/G	Embedding stubs – deep flange – green	per 100
E092/R	Embedding stubs – deep flange – random colours	per 100
E092/Y	Embedding stubs – deep flange – yellow	per 100

Histological Embedding Moulds

With the routine use of resin embedding in the histological field, there is a demand for convenient moulds to accommodate larger sections. The **four** green silicone rubber moulds each accommodate four referenced blocks, the base in each case being 25 x 25mm. The area containing the material to be sectioned comes in **four** sizes, 10 x 10mm; 10 x 15mm; 10 x 20mm and 10 x 25mm.



E065	Histological mould 10 x 10mm	each
E066	Histological mould 10 x 15mm	each
E067	Histological mould 10 x 20mm	each
E068	Histological mould 10 x 25mm	each

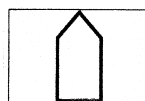
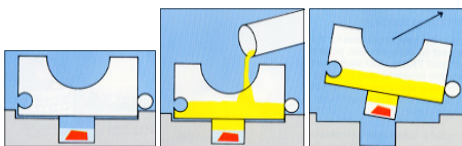
Technovit Teflon Histoform Embedding Moulds

T393 Histoform S A Teflon mould giving easy removal of **10** plastic blocks using the Histoform system. Backed by a heavy steel plate to act as a heat sink and ensure lower curing temperatures within the block. This is particularly pertinent to immunocytochemical work.

Mould cavities 10mm wide x 16mm high x 6.5mm deep

T394 Histoform Q As Histoform S but with *mould cavities* 20mm wide x 16mm high x 10mm deep.

T405 Histoform N As above but with *mould cavities* 10mm W x 18mm H x 10mm D.



Histoform S



Histoform Q



Histoform N



Histoform

Histoform An easily fixed and permanent backing for Histoform specimens that can be clamped into all rotary microtomes without an adapter. Easy to write on and they link together for storage.

T395 Histoform mounting blocks for S and Q pack of 100 **T395/N** Histoform for Histoform N

Embedding Mould – Round

This green silicone rubber mould has 6 round cavities of 14mm diameter x 3mm deep. Overall size of mould 68mm x 46mm.

E070 Embedding mould type 'D' each



Embedding Mould – Large Round

A green silicone mould 92mm in diameter, with 10 compartments. Very useful for large or multiple specimen embedding in one segment.

E108 Embedding mould – large round each



NEW – The following silicone rubber moulds are now available in a transparent form, which make them ideal for specimen orientation if transmitted light is used.

Embedding Mould Large –28 Cavity

A green silicone rubber mould with 20 unmarked cavities 12mm x 6mm 3mm deep with trapezoidal shaped tip at one end, and a further 8 cavities of rectangular shape 3.5mm wide in a variety of lengths of 12mm; 24.5mm and 30mm. Overall size of mould 113mm x 70mm.

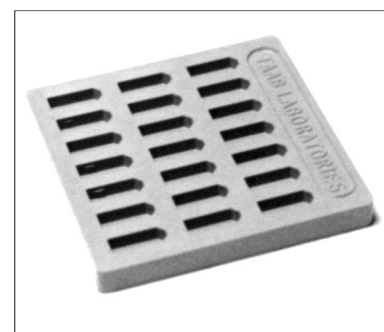
E069 Embedding mould type 'C' each
E069/C Embedding mould type 'C' – Clear each



Embedding Mould – 21 Cavity

This green silicone rubber mould has 21 flat cavities, each one numbered in relief, mould size 13mm x 4.5mm x 3mm deep. This mould is similar to E061 (type 'A') but for larger specimens. Overall size of mould 69mm x 70mm.

E071 Embedding mould type 'B' each
E071/C Embedding mould type 'B' – Clear each



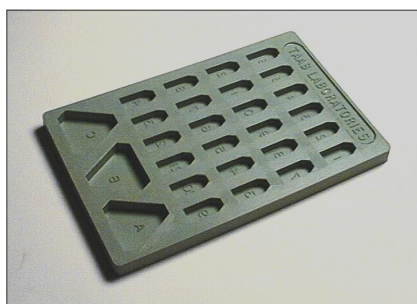
Double-End Flat Mould



This green silicone rubber mould will produce pre-trimmed trapezoidal flat blocks shaped at both ends. Capacity **20** numbered cavities, the block size produced is 14mm x 6mm x 4mm deep. Overall size of mould is 93 x 62mm.

E094 Embedding mould type 'E' each
E094/C Embedding mould type 'E' – Clear each

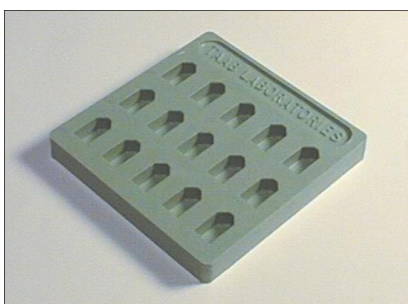
Flat Embedding Mould – Large



This green silicone rubber mould has **24** self numbered cavities and produces blocks with trapezoidal tip at one end for easy trimming. The produced block is 14mm x 6mm x 4mm deep and the mould also contains **3** special cavities for multiple embedding which can hold **3** samples in each cavity. Overall size of mould 118mm x 78mm.

E095 Embedding mould type 'F' each
E095/C Embedding mould type 'F' – Clear each

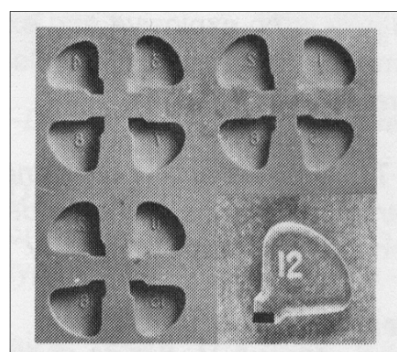
Small Embedding Mould



A green silicone rubber mould with **15** unmarked cavities. Specimen blocks measure 11mm x 6mm x 5mm deep, and produces a pre-trimmed trapezoidal shape at one end and a flat end at the other. Overall size of mould 68mm x 68mm.

E096 Embedding mould type 'G' each
E096/C Embedding mould type 'G' – Clear each

Dual Section Embedding Mould



The Chien dual section silicon mould significantly increases the survey area without the necessity for lengthy re-embedding. The mould design allows both transverse and lateral sections to be obtained from the same block. The mould is reusable and produces **16** indexed, sharply defined pre-trimmed blocks that are adaptable to any microtome. Block dimensions 13mm long x 3mm thick.

E111 Dual section mould each

Polyethylene Cups



Designed as stoppers, the range of sizes offer an ideal alternative as an inexpensive disposable flat embedding mould.

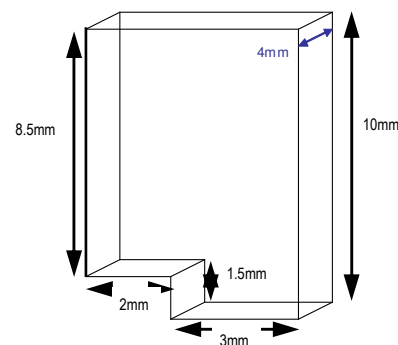
C082 Polythene cup 35mm diam. x 22mm deep pack 50
C083 Polythene cup 28mm diam. x 18mm deep pack 50
C084 Polythene cup 22mm diam. x 16mm deep pack 50
C085 Polythene cup 18mm diam. x 14mm deep pack 50

FIB SEM Mould for Biological Specimens

A silicon rubber mould developed by Cancer Research UK London Laboratories (Dr Lucy Collinson, paper in publication) to minimise FIB erosion time for biological specimens.

This 6 cavity mould is reusable many times if handled with care.

E119 6 cavity FIB SEM mould



Disposable Weighing Dish/Boat

ALUMINIUM

An aluminium weighing dish that is useful for EM pre-embedding procedures, and is also ideal for static-less weighing. The base diameter is 53mm and the depth is 17mm.

W083 Disposable weighing dish pack 144



POLYSTYRENE

A high impact polystyrene weighing boat designed to be bent between the fingers to give a funnel shape to facilitate pouring. Available in either black or white with a choice of two sizes.

W082 Weighing boat 30ml - white 100

W082/B Weighing boat 30ml - black 100

W104 Weighing boat 100ml - white 100

W104/B Weighing boat 100ml - black 100



Millipore Filters

A series of graded filter pads composed of biologically inert mixtures of cellulose acetate and cellulose nitrate and a specially designed Luer fitting filter holder made from polypropylene with a silicone gasket. Available in a range of pore sizes making them suitable for fine filtering of solutions.

F093 Millipore holder – swinnex 25mm each

F094 Millipore filters 0.45µm pack 100

F095 Millipore filters 0.22µm pack 100

For a comprehensive range of filtering equipment manufactured by Sartorius see Filtration Section.



Porous Capsules

Another innovation from TAAB. The capsule is produced in two parts, the base in polyethylene and the wall in porous sintered polyethylene. The capsule allows the easy transfer of specimens from one solution to another without handling or risk of loss. On removal from a solution the “wetted” type capsule drains completely.

Pore size of wall material is 100 microns.

The capsule can be supplied wetted for aqueous solutions or non-wetted for non-aqueous solutions. The wetted capsule needs to be re-wetted after about 10 uses to retain its maximum drainage characteristics.

There are two sizes of capsule one of ½” outside diameter and the other of 1” outside diameter.

C078 Porous capsule – 12.7mmdiam. X 15.7mm deep with lid – wetted 10

C079 Porous capsule – 12.7mmdiam. X 15.7mm deep – non wetted 10

W077 Wetting agent 250ml

