

Grid Coating Plate

Made from nickel, these perforated plates are very useful in the preparation of grid coating. The plate is placed under distilled water and the surface supporting the film is gradually lowered. Excess water is removed by blotting from below. The plate containing filmed grids can be transferred to a vacuum coating unit for carbon coating or to a freeze-drying unit.

G107 Grid coating plate pack 3

Grid Transporting Box



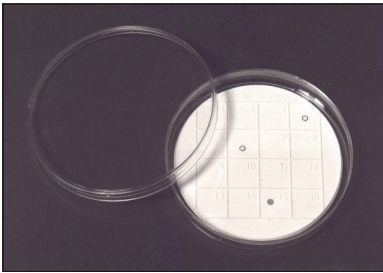
Designed to store or transport grids this TAAB box has an indexed silicone rubber plate housed in a transparent viewing box with hinged lid.

The silicone rubber plate is divided into 54 individual compartments of 10mm square, each compartment capable of holding 3 grids. Grids adhere well to the silicone rubber plate and grids cannot migrate from one square to another when the lid is closed and it is easy to pick up grids without damaging tweezer tips.

Overall size of box: 95 x 70 x 6mm deep. Comes complete with a record card.

G117 Grid transporting box each
G117/1 Grid transporting box per 10

Grid Plate



Round silicone rubber indexed grid storage plate numbered. Available in two sizes 85mm and 45mm diameter which are supplied mounted in either 90mm or 50mm plastic Petri dish or supplied loose. This is an ideal way of storing "working grids" or staining grids. The grids adhere lightly to the silicone plate, which eliminates the problem of grids jumping. The grids are easily picked up without damaging the tweezer tips or the grid.

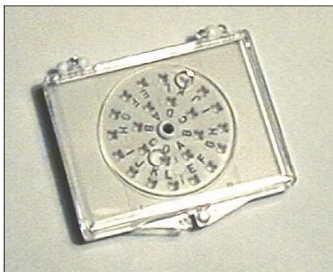
G082 plate has 16 x 14mm squares and the G125 plate has 9 x 10mm squares. The plates can easily be washed clean.

Please note: Not recommended for storing grids which are to be used in X-ray microanalysis work due to Silicone rubber contamination.

G082 Grid plate, (85mm) in Petri dish each
G082/1 Grid plate, (85mm) in Petri dish pack 10
G082P Grid plate, (85mm) - loose pack 10
G125 Grid plate, (45mm) in Petri dish, each
G125P Grid plate, 45mm) - loose pack 10

Grid Storage Boxes

See also page 1.26



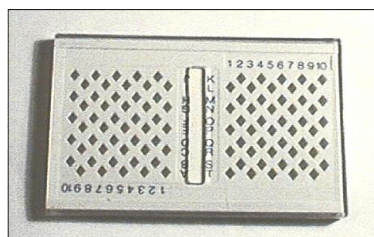
BEEM Dial-a-Grid Box

Indexed grid box containing 24 letter-labelled crossed slots, which accommodate 3.05mm in one direction and 2.3mm in the other. The grids are accessed one at a time through a hole in the clear rotating protection disc. The box is totally enclosed by a hinged lid making the box fully dust proof.

Dimensions; 57 x 45 x 12.5mm high.

G114 BEEM Grid storage box each

Specimen Grid Box



These boxes hold up to 100 grids in numbered holes, designed to take either 3.05mm or 2.3mm grids accessed a row at a time through a slot in the sliding cover. Dimensions; 85 x 58 x 7mm high. Complete with grid recording card.

G062 Specimen grid box each
G063 Specimen grid box per 10

Numbered Specimen Grid Box

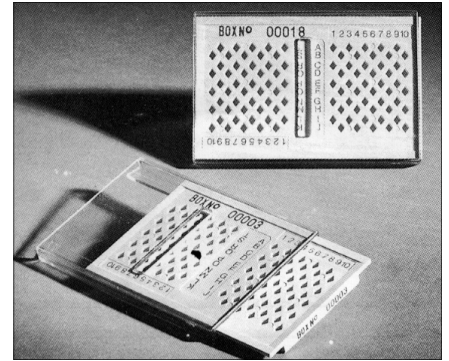
Identical to G062 but with a **unique** number printed on the face and one end.

Advantages:

- Eliminates the placement of the specimen grid in the wrong box
- Easy retrieval of grid box from storage
- Complete with grid storage card

Dimensions; 85 x 58 x 7mm high.

G120	Specimen grid box, numbered.	each
G121	Specimen grid box, numbered.	per 10

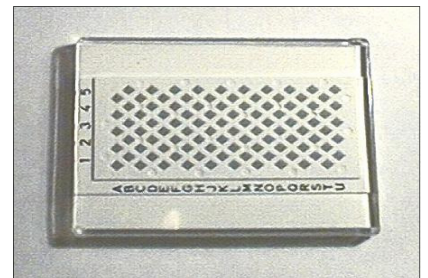


LKB/LEICA Specimen Grid Box

Storage for 100 grids in 5 straight columns of 20 slots all referenced. Takes both 3.05mm and 2.3mm diameter grids.

Dimensions; 80 x 50 x 7mm high.

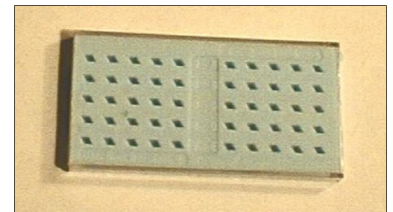
G133	LKB/Leica grid storage box	per 10
G133/1	LKB/Leica grid storage box.	each



Specimen Grid Box

Storage for 50 grids. Takes both 3.05mm and 2.3mm diameter grids. The box is manufactured from a plastic having a low susceptibility to charging. All holes are numbered.

G126	Specimen grid storage box - 50 grids	each
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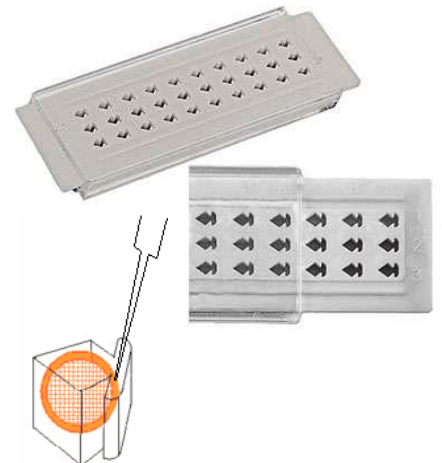
Grid Box 3" x 1" Micro Slide Size

This TEM grid box has a capacity of **30 standard 3.05mm TEM grids** and has the same dimensions as a standard glass microscope slide to enable easy storage. Internally the grid box consists of a body with 30 uniquely tree-shaped compartments made from reduced static ABS and a clear odourless acrylic lid

Each position is referenced by numbers and letters moulded into the surface. The unique tree shaped cavity provides extra protection for samples on the TEM grid; when the grid is picked up at the base of the "tree", the tweezer tips only touch the rim of the TEM grid.

The dimensions are the same as those of a glass microscope slide and the grid box can be stored in microscope slide boxes. Due to the thickness, the box takes two slots in a microscope slide box. Dimensions are 76 x 25 x 6.5mm.

G345	Grid box for 30 TEM grids 76 x 25 x 6.5mm
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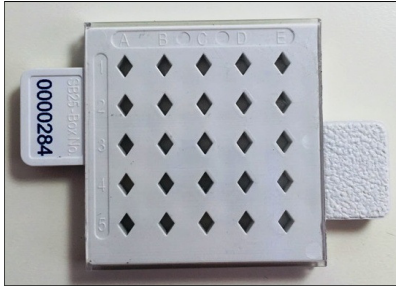


Zerostat Anti-Static Gun

Anti-static generator for neutralising static charges of either polarity on any insulating surface. Use to reduce the risk of grids jumping out of boxes and to eliminate a block charging defect during ultramicrotomy.

G083	Zerostat gun	each
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25 Grid Storage Box

Designed as a low cost alternative where high storage capacity is not required. Sliding cover and two tabs for ease of handling as well as a matt strip for notation. Diamond shaped holes store 3.05mm or 2.3mm Ø grids. Grid referencing is managed via recessed alpha numeric indexing on the sides of the box.

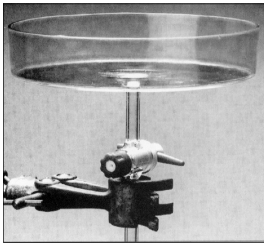
G349 Grid box for 25 grids each



Vacuum Tweezer

Useful for handling without damage, small, delicate items i.e. grids, specimens etc. The suction can be applied through a selection of either fine tubes or rubber suckers actuated by covering the hole in the tube with a finger. The object being lifted is released by lifting the finger from the hole. Nozzle sizes are 0.4mm, 0.7mm and 1.0mm.

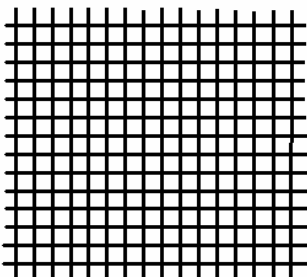
T106 Vacuum tweezer – 240 volt model each
T106/1 Vacuum tweezer – 110 volt model each
T106/S Set of spare nozzles and tubing set



Settlement Dish

Settlement dish, 135mm diameter with drain tap. Useful for removing distilled water when preparing formvar, butvar or collodion support films, or for floating down stripped carbon films on to TEM grids.

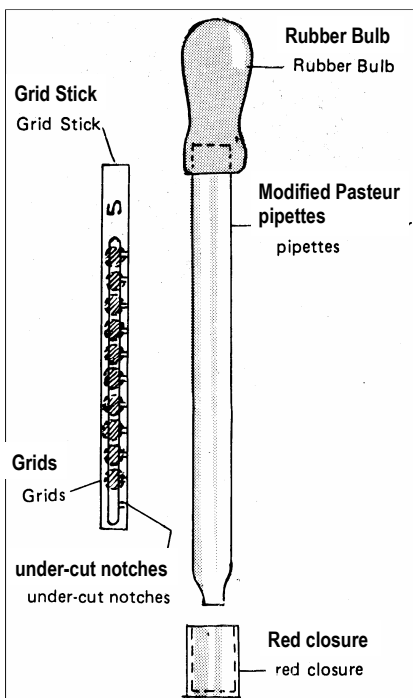
D195 Dish, settlement, 135mm diam. glass. each



Stainless Steel Mesh

A fine but rigid stainless steel mesh 150 x 150mm square with a mesh size of approximately 0.5mm that can be used with the settlement dish as a support to receive the grids after they are placed on the support film. Can also have other uses within the laboratory

W100 150 x 150mm stainless steel mesh 3 pieces



Gridstick

An economical and simple solution to staining multiples of grids.

A SynapTek Grid Staining Stick is a device which can take up to 10 grids held to the stick by a self adhesive glue which withstands all organic solvents remains effective for at least six uses. The grids are loaded onto one side of the Grid Stick with the aid of tweezers and they can be processed *in situ* throughout the staining, washing and drying procedures. The loaded Grid stick is placed inside a modified pipette which has a rubber bulb fitted to one end. It is now a simple operation to pipette the relevant fluids around the grids. The Grid sticks are provided with undercut notches to facilitate easy removal of grids from the stick with tweezers.

Each kit comprises;-

- 5 Pre-coated Grid Sticks, inside five pipettes with red closures.
- 10 Modified Pasteur pipettes - five for Uranyl Acetate and five for Lead Citrate
- 2 Rubber bulbs with flow limiting plugs

Other possible uses;-

Collecting serial sections - Grid support for carbon coating - Emulsion coating for autoradiography - Preliminary inspection of biological material at the light level - using a phase microscope - Special staining procedures.

G088 Gridstick kit
G088/G Gridstick adhesive 5ml
G088/S Gridsticks uncoated pack of 10