

Microtomes

TAAB is now pleased to offer the range of RMC (Research Manufacturing Corporation) rotary microtomes, from this leading US manufacturer. The specification and quality of these microtomes is second to none with service to match.

MR2 & MR3 Rotary Microtomes

A pair of microtomes offering manual (MR2) or semi-automatic operation (MR3). Rigidly constructed with cross roller bearings for rigidity and lightness of movement.

Features include:

- * Heavy base casting to reduce vibration
- * Vertical cutting stroke with solid cross roller bearing specimen carriage
- * Digital Section Counter Display
- * Touch Screen Control Panel with Easy to Clean Membrane Switches
- * Section Thickness range 0.5 - 60 microns
- * Electronic Feed with Fast Return
- * Separate Trim Control Function with Footswitch
- * Preset Trim Setting for Fast Block Trimming
- * Wide range of accessories for Histology, Materials and Forensic Applications
- * MR2 & MR3 Supplied Complete with High/Low Profile Disposable Steel Blade Holder and Specimen Holder (choice of Cassette Clamp or Fixed Jaw Vice Clamp)
- * Removable Waste Tray

Specifications:

Dimensions: H-279 mm x W-273 mm x L-457 mm Weight - 24.3 kg
Maximum Specimen Size: 55 x 50 mm
Cutting Stroke: 64 mm
Retraction: 70 microns
Electronic Feed of Knife Stage: 28 mm
Handwheel Lock: Positive lock at 12:00 o'clock or 6:00 o'clock position
Specimen Orientation: x and y axis with tilt plus rotation
Power Supply: Input 100-240 VAC, 50/60 Hz, 0.8 Amps Output 24 VDC, 36 Watts

Additional Specifications for MR3:

Variable cutting speed from 0 – 400 mm/second
Footswitch control for both Cut & Trim Functions

M417 MR2 Rotary Microtome with Universal Cassette Clamp and Disposable knife holder

M417/1 MR2 Rotary Microtome with Vice Specimen Clamp and Standard Knife Holder

M418 MR3 Rotary Microtome with Universal Cassette Clamp and Disposable knife holder

M418/1 MR3 Rotary Microtome with Vice Specimen Clamp and Standard Knife Holder

Heavy Duty Rotary Microtomes

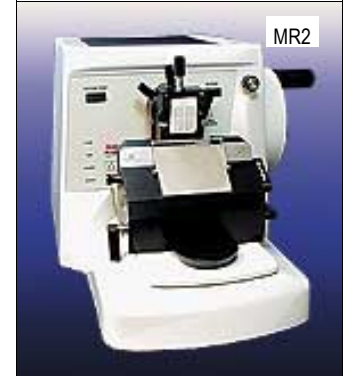
M419 MT-990 Motorised Precision Microtome

With motorized, programmable, automatic trim, the MT-990 microtome is a high-precision instrument for sectioning both hard and soft material. When paired with its CRT-900 cryo-sectioning attachment, this is the ideal instrument for polymer applications. A full range of specimen and knife holders is available to match all applications.

M420 AFM-990 Precision Motorised Microtome

This microtome is primarily intended for specimen surface preparation for: AFM, SPM, SEM, OM, FTIR. This microtome is also ideal for sectioning materials for Forensic, QC and Materials research applications.

Please ask for a personalised quote for these microtomes



CRT-900 Cryo System - please ask for details. Fits both **RMC** and **Microm** microtomes



Microtome Knives and Accessories

Leica All knives are now plain backed (not drilled & tapped for Shandon Knife Sharpener)
Each B, C or D knife comes with its own box.

Knife profile B (plane, slightly concave for celloidin sections)

LL07831 Knife 25cm long profile B

Knives profile C (plane on both sides for paraffin and frozen sections)

LL07531 Knife 16cm long profile C

LL07545 Knife 22cm long profile C

LL07532 Knife 25cm long profile C

LL07128 Knife 30cm long profile C

LL04206 Knife 16cm long **tungsten carbide tipped**

Knives profile D (chisel/tool edge for hard specimens and frozen sections)

LL07139 Knife 30cm long profile D

LL04813 Knife 16cm long **tungsten carbide tipped** profile D

Disposable blades (dispensers of 50)

LL13583 Leica blades low profile

LL31308 Feather blades S22

LL31310 Feather blades R35

LL31507 Feather blades N35H

LL12881 Leica blades high profile

LL31309 Feather blades S35

LL31506 Feather blades N35

Holders for disposable blades

LL09426 Disposable blade holder 160mm for rotary microtomes

LL09425 Disposable blade holder 240mm for sledge and sliding microtomes

LL25171 Magnetic blade holder for cryostat holders CN & CS

Technovit Histoblade (replaces Histoknife) disposable blades and holders

A completely new range of extra rigid blades with a 30° profile (was 40°) for plastic sectioning. Same dimensions as previous blade so existing holders can be used. Have much improved edge characteristics for better sectioning .

T553 Technovit Histoblades pack of 50

T398 Histoblade holder 17cm (for rotary microtomes)

T399 Histoblade holder 22cm (for sledge microtomes)

For knife holder for "Ralph" knives see K058/25 page 12.16

Knife Resharpening

Tool steel, profiles A, B, C, D, Minot

LL90602 12cm length

LL90605 18cm length

LL90609 25cm length

LL90604 16cm length

LL90607 22cm length

LL90610 30cm length

Tungsten carbide knives for rotary & sliding microtomes Resharpening

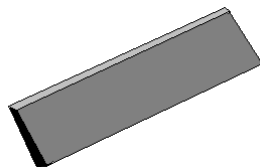
LL90683 12cm TC profile C

LL90612 12cm TC profile D

LL90684 16cm TC profile C

LL90611 16cm TC profile D

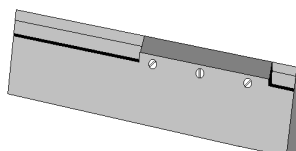
LL90689 22cm TC profile D



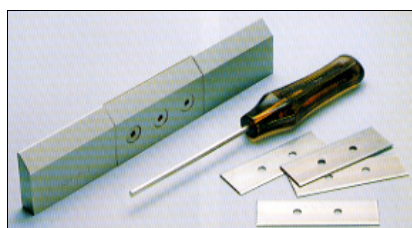
Microtome knife



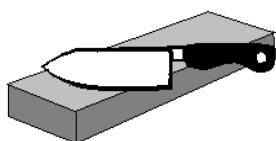
Feather disposable blades



Disposable blade holder



Technovit knives and holder



Knife resharpening continued..

Knives for Jung K Resharpening

- LL90613 Type K tool steel 90682 Type HK 1 tungsten carbide
- LL90614 Type HK 2 & 3 90690 Type KD 4mm-6mm
- LL90615 Type KFH

Steel knives for holders A & C (Leica SM 2500/Leica SM 2400/Polycut)

Resharpening

- LL90686 12cm tool steel
- LL90687 16cm tool steel
- LL90688 22cm tool steel

Tungsten carbide knives for knife holder C (Leica SM 2500/SM 2400/Polycut)

Resharpening

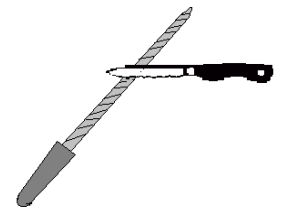
- LL90683 12cm TC profile C
- LL90684 16cm TC profile C
- LL90689 22cm TC profile D

Tungsten carbide knives for knife holders A & C (Leica SM 2500/SM 2400/Polycut)

Resharpening

- LL90612 12cm TC profile D
- LL90611 16cm TC profile D

Knives for Leica CM 3600 and PMV 450 MP Resharpening

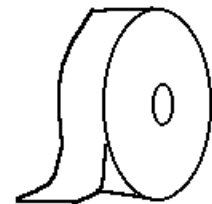


Knife Resharpening

Sectioning Tape Whole Body Autoradiography

- T410 Low temperature sectioning tape type 610 50mm x 50m
- T411 Low temperature sectioning tape type 10 75mm x 50m
- T546 Low temperature sectioning tape type 610 100mm x 50m

The above are *excellent* replacements for the now unavailable 3M 810



Heated Forceps/Tweezers

These Leica EG F Heated Forceps are designed for paraffin embedding to reduce the "carry-over" often associated with ordinary forceps. The Leica EG F consists of the control unit, forceps and forceps holder to avoid contact by the cable with the hot working surface and wax. The tip temperature is variable from 55° to 70°C.

- F319 Leica EG F heated forceps incl. control box with forceps holder and coiled lead to non-stick forceps.



Slide Dryer and Hybridisation Hotplate

Two units with black non-reflecting surfaces for excellent section visualisation, variable temperature control, uniform surface temperature, accuracy $\pm 1^\circ\text{C}$ with digital display.

- H069 Slide dryer 150 x 555 x 75mm 220/240v 50-60Hz, 110v/A, range room temperature to 85°C, weight 4Kg
- H070 Hybridisation unit dimensions, power supply, weight as above, range room temperature to 100°C.





Super Cassette Quick Release Chuck C213

Offers the advantage of the standard Quick Release Chuck but takes the larger Super Cassettes for paraffin sectioning. Designed to fit all **sledge** microtomes with minor adjustments, this chuck gives rapid and stable clamping of the cassette along the long axis or across the block with just as rapid removal.



Large Super Cassettes 75 x 52 x 17mm

These cassettes are 75mm x 52mm x 17mm deep will allow the processing* and embedding of large sections of brain, breast tissue, prostate, eyes, intact joints, whole animal organs, multiple tissue cases or any specimen larger than normal. Rigidly constructed to support the larger block this cassette is *produced with its own lid*. Super Cassettes are of particular use to research and toxicology laboratories. Available in seven colours. **Super Base Moulds** and the **Super Cassette Chuck** are required for use with this product. Suitable only for **sledge** and **large area** microtomes

Catalogue No.	Description	Quantity
C310/W	Super Cassette <i>White</i>	Case of 100
C310/B	Super Cassette <i>Blue</i>	Case of 100
C310/Y	Super Cassette <i>Yellow</i>	Case of 100
C310/G	Super Cassette <i>Green</i>	Case of 100
C310/P	Super Cassette <i>Pink</i>	Case of 100
C310/O	Super Cassette <i>Orange</i>	Case of 100
C310/GY	Super Cassette <i>Grey</i>	Case of 100
C310/R	Super Cassette <i>Red</i>	Case of 100

Super Cassette Moulds

Designed for use with Super Cassettes to enable embedding of larger pieces of tissue. Made of stainless steel these reusable base moulds fit the Super Cassette and allow easy block removal after cooling.

- C312/10 Super Cassette Mould 66 x 54 x 15 (10)
 C312/2 Super Cassette Mould 66 x 54 x 15 (2)

Multi-Cassettes with Lids Attached

These processing and embedding cassettes are fitted with a plastic lid attached by a unique hinge enabling quick attachment and removal. They are precision moulded from a solvent and acid resistant plastic, an advantage for decalcification of specimens. The three-sided textured writing surface and flat front provide an advantage when writing and make the cassette particularly suitable for use with cassette printing machines. Moulded with parallel vents for enhanced fluid and wax transfer, this cassette has thickened walls for stability. The "stay-shut" latch closure and rounded thumb tab enables easy lid removal. Readily available in eight colours and with lids attached or packed separately. Size 76 x 52mm. An additional six colours are available on request (minimum quantities apply).

Catalogue No.	Description	Quantity
C309/W	Multi-Cassette <i>White</i>	Case of 100
C309/B	Multi-Cassette <i>Blue</i>	Case of 100
C309/Y	Multi-Cassette <i>Yellow</i>	Case of 100
C309/G	Multi-Cassette <i>Green</i>	Case of 100
C309/P	Multi-Cassette <i>Pink</i>	Case of 100
C309/O	Multi-Cassette <i>Orange</i>	Case of 100
C309/GY	Multi-Cassette <i>Grey</i>	Case of 100
C309/R	Multi-Cassette <i>Red</i>	Case of 100

Biopsy Cassettes With Lids Attached

Designed for the processing and embedding of most small specimens without the need to use Biopsy Pads or Bio-Wraps®. The rigidly constructed cassette is made from solvent and acid resistant plastic with a three-sided textured writing surface. The 1mm x 1mm square holes permit fluid exchange and thorough wax infiltration. The plastic lid of the cassette also incorporates the "stay-shut" closure design. Readily available in eight colours and with lids attached or packed separately. An additional six colours are available on request (minimum quantities apply).

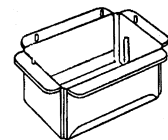
Catalogue No.	Description	Quantity
C311/W	Biopsy Cassette <i>White</i>	Case of 100
C311/B	Biopsy Cassette <i>Blue</i>	Case of 100
C311/Y	Biopsy Cassette <i>Yellow</i>	Case of 100
C311/G	Biopsy Cassette <i>Green</i>	Case of 100
C311/P	Biopsy Cassette <i>Pink</i>	Case of 100
C311/O	Biopsy Cassette <i>Orange</i>	Case of 100
C311/GY	Biopsy Cassette <i>Grey</i>	Case of 100
C311/R	Biopsy Cassette <i>Red</i>	Case of 100



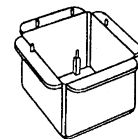
Peel-A-Way Moulds

Disposable polyethylene moulds for paraffin or resin embedding designed to easily peel away from the solidified block. All sizes 20mm deep.

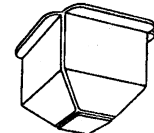
E117 Peel-A-Way mould rectangular 25mm x 45mm case of 288	E117/48 pack of 48
E116 Peel-A-Way mould rectangular 22mm x 30mm case of 288	E116/48 pack of 48
E115 Peel-A-Way mould square 22mm x 22mm case of 288	E115/48 pack of 48
E114 Peel-A-Way mould 22 x 22mm truncating to 12mm square 288	E114/48 pack of 48
E113 Peel-A-Way mould 22 x 22mm truncating to 8mm square 288	E113/48 pack of 48



E117



E115



E114

Pen for Marking Cassettes and Moulds

These Marking Pens are highly resistant to laboratory reagents including alcohol, xylene, xylene substitutes and both water based and alcohol based stains. They have an extra fine point made of rigid nylon which allows for precise marking on glass microscope slides as well as plastic cassettes. The quick drying ink will not run or bleed during routine use. A tight fitting cap helps to prevent the pens from drying out and the thick barrel of the pen and its textured surface provide an excellent grip.

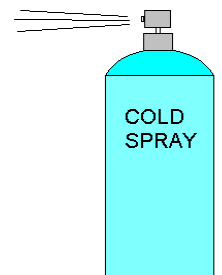
P361 Cassette Marking Pen box of 12



Cold Sprays to Assist Sectioning

Frostbite® 12oz can, a CFC free, non flammable but effective rapid cooling agent for paraffin blocks and tissue

C276 Frostbite® 12oz can C276/1 Frostbite® 6 x 12oz cans



Frozen Sectioning Embedding Compounds

C028 Cryo-M-Bed 100ml
O023 OCT LT Embedding Compound 125ml



CTM 6



Automatic Coverslipper

The Microm CTM 6 glass coverslipper has a small footprint but is capable of processing up to 400 slides per hour with continuous slide rack loading. The slide baskets hold either 19 or 30 slides which can be covered with coverslips of 40, 50, 55 or 60mm in length. The unit can control the volume of mounting media applied to the slide and the media can come from varying commercial sources. Vapours are controlled through an integrated charcoal filter or through an existing fume hood.

Includes:

Carrier plates for 30 and 19 baskets, exhaust housing with charcoal filter and connection hose, power cord and instruction manual.

Dimensions 275 x 410 x 350mm Weight 19Kg

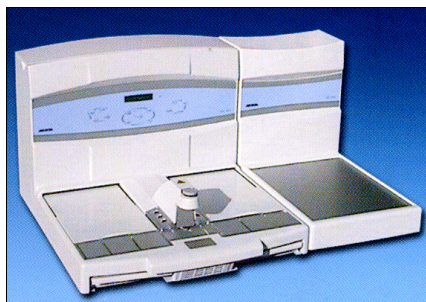
C307 CTM 6 Automatic glass coverslipper 100-240V 50/60Hz

Paraffin Embedding Centre

The MICROM EC 350 Embedding Centre is a stylish, reliable and economic unit of compact design with flexible programming allowing immediate use in any laboratory. Modularity permits the Cryo Console to be sighted on either left or right of the main Dispensing/Thermal Console. It offers hand or foot pedal operation of the adjustable flow dispenser nozzle, large cassette reservoir with removable tray, large mould reservoir, 2 removable waste drawers, integrated illumination, heated forceps receptacle, isolated cold spot for specimen orientation etc., etc. Please ask for descriptive brochure.

Dimensions: 920 x 655 x 425 (W x D x H)

E209 Microm paraffin embedding centre 220/240V 50/60Hz



TAAB Bone Saw for Microscopy

A space saving low speed diamond saw for preparing tough biological specimens including teeth. The control unit can be operated remotely from the cutting head which houses a 4" Ø diamond impregnated cutting wheel (5" instrument available). There is a variable speed control and an immersion lubricating system.

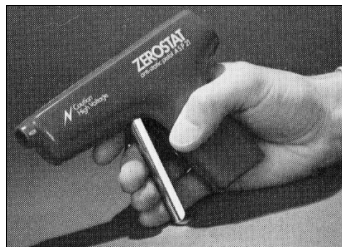
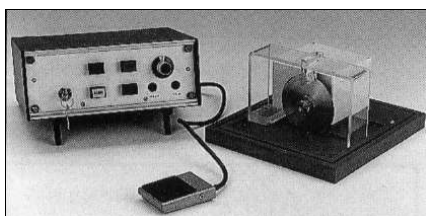
For safety, low voltage circuitry is employed for switching and motor speed control and the whole is encased in a glass reinforced, heat resistant polyester case which is proof against most chemicals, including solvents. Basic unit excludes blades. Ask for quotation.

M528/B TAAB bone saw for microscopy 4 inch wheel

M528/202 4" segmented diamond slitting blade

M528/203 4" continuous diamond slitting blade

M528/204 5" continuous diamond slitting blade



G083

Zerostat 3™ Anti-static Gun

This invaluable tool is ideal for neutralising static electricity in the laboratory. It prevents charged particles from flying during weighing or transfer, keeps film, glass and plastic ware dust and lint free and makes plastic and frozen sectioning more reliable.

G083 Zerostat 3 anti-static gun

Water Bath

A paraffin section mounting bath giving comfortable and easy manipulation of sections. The PTFE matt black interior and top allows constant clear visibility. Case constructed from white enamelled aluminium with polypropylene lid. Temperatures from 40° to 60°C.

W089 Water bath 40° - 60°C 240v 50 Hz



Mcllwain Tissue Chopper

Designed to prepare tissues for metabolic experiments of small and irregular samples for biopsy or from small organs. For neuroscience it will chop tissues such as hippocampus which is relatively flat and will not suffer excess stress damage. It is also good for preparing cell cultures from the brain of young animals as disturbance to tissue is much less than with a blender or homogeniser. Typical applications are for liver, kidney and parts of the central nervous system. Preparation of 1mm thick slices or cubes and prism samples can be prepared in 30 secs. Section thickness up to 1mm maximum.

Further details on request.

T537/230 Mcllwain tissue chopper 230v 50Hz

T537/110 Mcllwain tissue chopper 110v 60Hz



Rotating chopping table



Paraffin Wax Dispenser

This wax dispenser provides immediate 'Wax-on-tap' for pathology laboratories. The problem of wax solidifying at the tap is completely eliminated by the incorporation of a thermally insulated tap heater with independent temperature control. The case is constructed of aluminium with an anodised interior and stove enamelled black and white exterior with a black metal lid and polypropylene base. Clear indicating "Power on". Red warning of Over Temperature and amber neons indicating "Bath heater on" and "Tap heater on".

Capacity 4. litres (1 gallon Imp.)

Temperature Ambient to 75°C. Fitted with safety over-temperature cut-out at 105°C and a non-resettable thermal fuse.

Available in 240V or 110V. Wattage 175 watts (wax heater 150, tap heater 25).

W085 Paraffin wax dispenser 240V **W085/1** Paraffin wax dispenser 110V

W086 Replacement filter housing **W087** Replacement tap/heater assy. 240V

W087/1 Replacement tap/heater assy. 110V

W085



Slide Dryer

This slide drying bench speeds the preparation of slides at the mounting stage. It accept up to **50 slides** and has the facility for drying slides according to the preference of the user either by laying across drying bars, angled from the bars or flat without the bars.

Temperature controllable up to 100°C.

Pilot lights to indicate "Power on" and "Heater on". 150 watts at 230V and 110V

D128 Slide dryer 230V **D128/1** Slide dryer 110V

D129 Replacement heater 230V **D129/1** Replacement heater 110V



Incubators

The Genlab Min Range have temperature control from ambient to 60°C. The outer case has a stoved powder paint finish and there is an aluminium coated mild steel interior with two shelves. Natural convection heating is used, controlled by a direct reading hydraulic thermostat with locking device, supported by an adjustable safety thermostat with indicator. The door has a large window and the controls are at bench level.

I064 Genlab Min incubator 6 litre capacity 220-240V 50Hz

Internal dimensions mm 150H x 230W x 180D External dimensions mm 400H x 330W x 300D

I061 Genlab Min incubator 18 litre capacity 22-240V 50Hz

Internal dimensions mm 260H x 260W x 270D External dimensions mm 510H x 360W x 380D

Other capacities and temperature ranges quoted on request

See also Specimen Preparation Section



Filtaire™ Air Purifiers for Laboratories and Offices



Filtaire™ 300

Filtaire™ air purifiers are designed to filter out particles, gases and bacteria down to 0.5µm (Filtaire 200 & 300, Filtaire 5000 down to 0.01µm). They work on a double filtration system, the first in the form of a long lasting spinning disc which collects particles down to sub-micron size, the second being a static filter where the air is projected through it at an acute angle. This enhances its effectiveness at capturing airborne bacteria as well as absorbing gases and odours.

The combination of particle, gas and bacteria entrapment ensures that wherever sited, the Filtaire™ purifier is able to provide a healthier atmosphere in which to work. In addition, there is no 'masking agent' involved and therefore no introduction of further possible pollutants. Maintenance is minimal involving only washing of spinning filters and replacement of static filters dependent on level of air pollution. There are three models available depending on the size of the area to be filtered:

F220 Filtaire™ 300 ideal for individual offices, rooms, or small laboratories. Bench standing so can be placed close to the source of pollution, or more than one can be located in close proximity to the pollution source.



The Filtaire 5000 can be either wall or ceiling mounted and is supplied complete with a simple to use five speed control unit

Filtaire™ 5000

Filtaire 5000

A revolutionary new quiet, highly efficient recirculating air purifying system that removes all particulates down to 0.01µm. The ultimate clean air filter removing everything from tobacco smoke to micro-organisms and viruses. The Filtaire™ 5000 system has the ability to focus units close to the source of pollution without extracting air from the environment. This makes it more effective than other forms of air filtering/conditioning systems as the treated air does not have to be reheated in cold weather. Filter changes are fast and simple and units can be bench, ceiling or wall mounted. A single machine will typically clean a room volume up to 150³m but larger areas can be covered with multiple units. Filter combinations available for the removal of formalin, glutaraldehyde, toluene, xylene and other life science laboratory chemical vapours. Colour white, but bespoke colours at extra cost with minimum order requirements.

Dimensions: 200 Depth x 500mm Diameter *Weight:* 11Kg *Power:* 230v 130w, 0.6 amps

F222 Filtaire™ 5000 high efficiency air filtering system 230v 50Hz

Detailed literature available - please ask

Section Mounting Press

A metal press for pressing methacrylate sections flat on the slide during the drying procedure.

T550 Section Mounting Press

Cover Films

Polyethylene films for covering the methacrylate sections on the slide after spreading (e.g. Technovit 9100 NEW), 25 x 75 mm

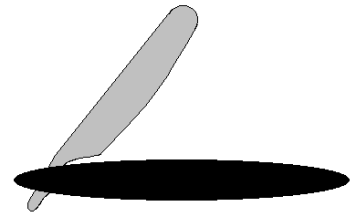
T551 Polyethylene cover films for mounting press 25 x 75mm



Section Razor S/S

A high quality cut-throat razor with stainless steel blade set in a black plastic handle suitable for use in hand sectioning or clamped in simple microtomes.

B254 Section razor with S/S blade each

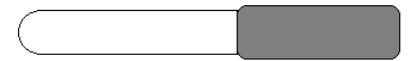


B254

Palette Knives

Stainless steel, parallel sided blade set in balanced wooden handle. Supplied each

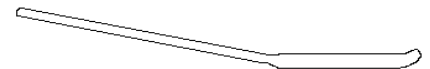
K079/100 100mm blade **K079/150** 150mm blade **K079/200** 200mm blade



K079

Section Lifter

K079 Stainless steel with blade length of 55mm each



Clean Area Work Trays and Spillage Containers

Anti-static spill or work containing trays offering a practical and cost effective solution to managing work areas. These lightweight trays will clearly define your work area without the need for additional bench coverings. Simply rinse away any liquids, wipe the tray dry and you are ready for the next task.

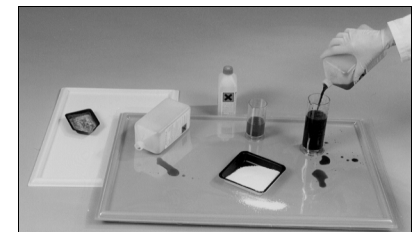
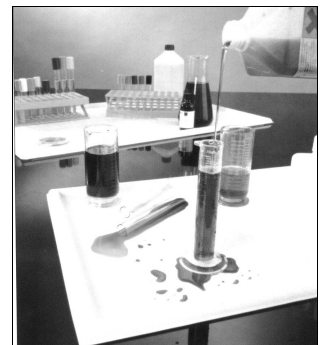
- Made from anti-static, high impact polystyrene
- Sufficient depth to safely contain the largest liquid spills
- Wipe clean and use time and time again

T451 Spill tray 475 x 360mm Pk 25 **T452** Spill tray 700 x 450mm pk 25

Rigid PVC Spill Trays and Liners with sufficient depth to prevent dispersal of hazardous liquids. Two colour options - yellow for radiation areas and white for non-radiation areas.

Colourless PVC Liners available separately if desired.

T453 PVC spill tray white 475x360mm (1) **T456** PVC spill tray yellow 475 x 360mm (1)
T454 PVC spill tray white 700x450mm (1) **T457** PVC spill tray yellow 700 x 450mm (1)
T455 Colourless PVC liner 475x360mm (10) **T458** Colourless PVC liner 700 x 450mm (10)



Dissecting Board

A polypropylene dissecting board 300mm x 210mm

D130 Dissecting board each



De-Formalizer™ Pads for cut-up boards

These pads are made with a patented fibre that absorbs and retains aldehyde fluids. On the cut-up board any excess formalin that runs from the tissue will be immediately absorbed and the odour neutralised by a bonded chemical. The Pads are durable, resist tearing even when wet and the blue surface provides an excellent contrast to pieces of tissue.

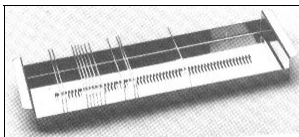
The Pads are also useful for soaking up leakage and deodorising vapours in other applications. They can be used to line shelves which hold specimen containers which may seep formaldehyde around the lid, or to line transport boxes where leaks may occur.

D188 De-Formalizer™ Pads 8" x 10" (20.3 x 25.4cm) case of 25
D188/1 De-Formalizer™ Pads 11" x 14" (28 x 35.5cm) case of 25



Slide Staining Racks

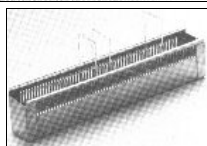
S260



S260 Stainless steel staining rack carries 60 slides horizontally

S259 Stainless steel staining rack carries 60 slides vertically

S259



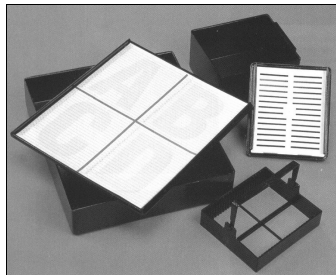
Plastic (Polyacetal) Staining Rack (resistant to xylene and alcohol)

The rack carries 25 slides 76 x 26mm horizontally and is fitted with a swing handle. The trough is fitted with a light-proof lid and can be used for staining, storage and carriage. A polystyrene storage box accommodating four of the staining racks is available.

S275 Plastic staining rack each

S276 Staining Trough each

S277 Storage box for 4 staining racks each



Coverslip Staining Racks

Stainless steel racks with grooves to hold either 25 or 6 coverslips vertically. Please add suffix /S for rack to hold 6 coverslips.

S298 Staining rack for 12mm coverslips

S391 Staining rack for 13mm coverslips

S392 Staining rack for 18mm coverslips

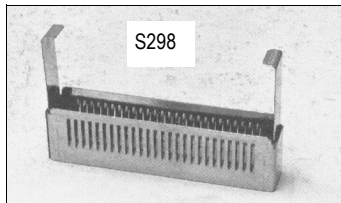
S299 Staining rack for 22mm coverslips

S393 Staining rack for 24mm coverslips

S394 Staining rack for 26mm coverslips

S395 Staining rack for 30mm coverslips

S298



Coplin Staining Jars

Glass

A heavy duty staining jar with a drop-on glass lid for slide staining or use as a solvent chamber. Holds 5 single 76 x 26mm slides vertically or 10 slides back-to-back. Volume approx. 30ml.

J051 Coplin staining jar glass pack of 10 **J051/1** Coplin jar glass each

Polythene

A tough moulded Polythene staining jar with a screw-on lid with the same capacities as J051. It can also be useful for slide transit

J052 Coplin staining jar Polythene each **J052/1** Coplin jar Polythene pack of 10



J051

J052



Hellendahl-Vertical Staining Jar

An all glass rectangular staining jar which accommodates 16 slides 76 x 26mm vertically back-to-back and comes with a drop-on glass lid. The wide top eliminates the need to handle the slides with forceps. Volume 80ml.

J054 Hellendahl jar each

J054/1 Hellendahl jar pack of 10

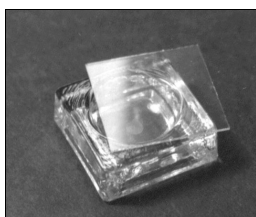


Schieferdecker-Horizontal Staining Jar

An all glass rectangular staining jar with drop-on glass lid to accept 10 76 x 26mm microscope slides horizontally, volume 100ml

J053 Schieferdecker jar each

J053/1 Schieferdecker jar pack of 10



Glass Staining Block

A solid glass block with polished 6mm deep semi-circular cavity and flat glass cover. Useful for viewing or staining free-floating specimens.

S166 Staining block 40mm x 40mm each

Glass Staining Trough and Slide Carrier

Glass staining trough 83mm x 103mm x 70mm high with smooth sides and drop-on glass lid . Accepts one glass slide carrier holding 20 slides 76 x 26mm back-to-back

S337 Staining trough each

S338 Glass slide carrier each



Staining Bath and Racks for 50 Slides

A glass staining bath with the capacity to take 50 glass microscope slides in 10 slide holders each holder carrying 5 slides. The slides can remain in the holder even during microscopic examination if required.

S404 Staining bath and slide holders for 50 slides



Columbria Jar for Coverslip Staining

Glass staining jar with grooves to take 22mm square coverslips vertically, 4 individually or 8 back to back. Black plastic lid with foil lined cork backing. Low volume (8ml) makes it ideal for use with costly reagents.

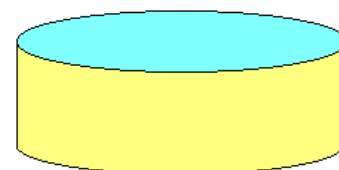
J055 Columbria coverglass staining jar **J055/1** Columbria jar pack of 10



Pyrex Glass Dish

A clear, circular, flat bottom dish without spout, 140mm Ø and 75mm deep with a volume of 900ml.

B244 Circular Pyrex dish each



Dropper Bottles

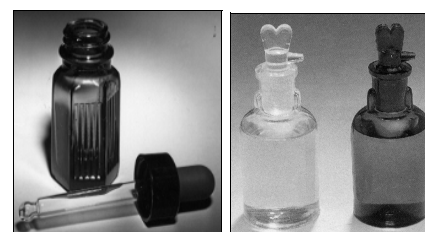
A clear glass drop bottle with plastic stopper and glass rod dropper. Ideal for dispensing immersion oil.

B174 Dropper bottle with glass rod 60ml each

T.K. Drop Bottle

Dark glass bottle with ground in grooved glass stopper for dispensing small amounts of liquid.

B175 TK Drop bottle 50ml each



B174

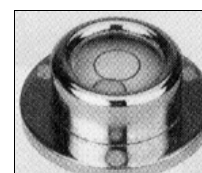
B175

Spirit Levels

Bulls Eye Level with single vial which operates in all horizontal planes. Ideal for permanent or temporary attachment to laboratory equipment.

L146 Bulls eye spirit level 25mm Ø

L146

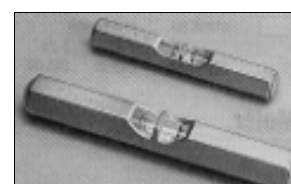


General purpose Pocket Level made from satin finish aluminium hexagonal bar with dome end stops.

L147 General purpose pocket level 67mm

L148 General purpose pocket level 96mm

L147/8



Please ask for a copy of our free publication 'The Care and Use of Diamond Knives'.

'Old' knives of a different make can often be used to buy diamond knives at a discount - please ask

TAAB Diamond Knife Wetting Agent

Most new diamond knives are hydrophilic and should not present problems with edge wetting. However have you got an older knife that causes problems or is the exception to the rule? Then our wetting agent either full strength or diluted should solve your problem for several weeks before re-treatment is needed.

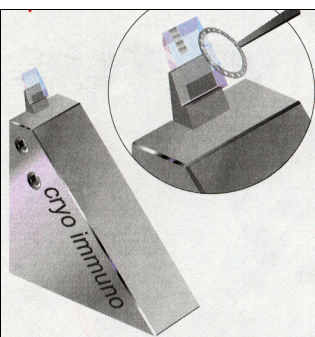
W101 Diamond knife wetting agent



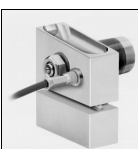
Standard 35°/45°



Cryo 35°/45°



Cryo immune knife



Ultrasonic knife with controller

Diamond Knives

We are able to offer a choice of the market leading brands of diamond knives for ultrathin and semithin sectioning. All knives are guaranteed and details of their care and use are available in data sheet form from TAAB free of charge.

Diamond knives are not only for those people with tough specimens where they produce results unobtainable with glass knives, but also for the hard pressed modern laboratory where time is of the essence and results are required without time-loss. Diamond knives have the ability to cut all manner of soft and hard specimens and section samples with mixed densities within the same block. They have a remarkable tolerance for producing results from difficult specimens that makes them an invaluable tool for any modern electron microscope laboratory.

The cost of the diamond knives is more than compensated for by the speed of production of useable results from imperfect embeddings or from samples unavoidably accepted from third parties where preparation quality is unknown. Diamond knives supplied by TAAB can be resharpened an infinite number of times at a price a little over half that of a new knife.

Diatome Diamond Knives for EM

Swiss diamond knives with an enviable reputation for reliability and performance.

Diatome knives for ultrathin ambient sectioning

Standard ambient knives

The standard holder is blue anodised with the diamond is ground to a 45° angle. **We now recommend 35° as a no-cost option for all standard work being the best compromise between performance and edge life.** We can offer black anodised boats for those who prefer them. The choice of holder does not affect the purchase price. The edge lengths available are as follows:

K065/15 1.5mm, **K065/20** 2.0mm, **K065/25** 2.5mm, **K065/30** 3.0mm, **K065/35** 3.5mm
K065/40 4.0mm

Diatome Cryo Knives

Standard cryo knives

Holders for cryosectioning are normally triangular (without flotation bath) and manufactured from a special alloy. They can be specified with a flotation bath and 35° or 45° angles at no extra cost. Knife sizes available:

K065/C/15 1.5mm, **K065/C/20** 2.0mm, **K065/C/25** 2.5mm, **K065/C/30** 3.0mm, **K065/C/35** 3.5mm and **K065/C/40** 4.0mm

Cryo immune knife for sucrose droplet and frozen hydrated sections

The cryo immune knife has a 35° or 25° diamond for lowest section compression and is the first cryo diamond knife with a plateau. The 35° gives optimised section pick-up resulting in the best section quality for immunocytochemistry using a loop and sucrose/methyl cellulose droplet. This method reduces the stress applied to the section and leads to better structural preservation. The 25° knife is designed for frozen hydrated specimens. Both are available only with 3mm edge.

K065/30/C/35 3mm Diatome Cryo immune diamond knife 35° for sucrose
K065/30/C/25 3mm Diatome cryo immune 25° for frozen hydrated

Please ask about cryo 25° knife for frozen hydrated sections

Diatome Ultrasonic Knife

A totally new concept in ultrathin sectioning giving practically zero compression, thinner sections, better structural preservation and easier sectioning of 'difficult' materials. The oscillations are strictly controlled in the horizontal plane. The results at room temperature are exciting but at low temperature are exceptional.

K067/30 3.0mm Diatome Ultrasonic oscillating diamond knife with controller