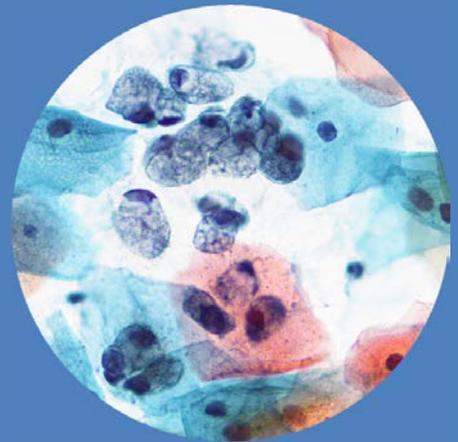
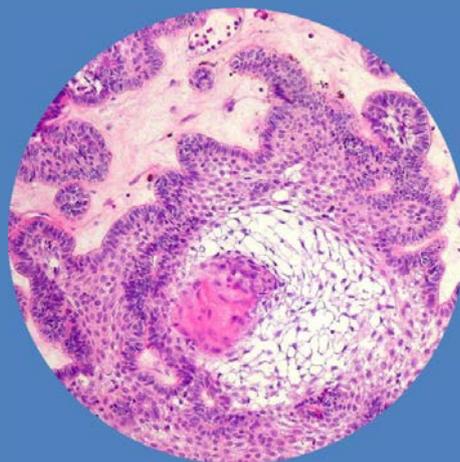


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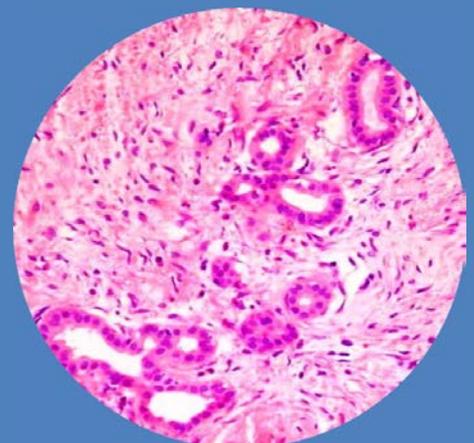
CITOLOGY



HISTOLOGY



PATHOLOGICAL
ANATOMY



GENERAL CATALOGUE **2019** Edition - February



THIRD EDITION FEBRUARY 2019

MAIN OFFICE

MADRID – 28013
Mayor, 70, Bajo Dcha.
Tel. 91 548 05 27 – 91 548 10 16
Fax 91 548 47 14
e-mail: atencionalcliente@casaalvarez.com

**OFFICES
BARCELONA**

Tel. 93 433 44 00 • Fax: 93 450 94 33
e-mail: cabarna@casaalvarez.com

VALENCIA

Tel. 634 95 20 79
e-mail: ca.valencia@casaalvarez.com

**OFFICES
GRANADA**

Tel. 679 596 912
e-mail: ca.granada@casaalvarez.com

SEVILLA

Tel. 683 144 056
e-mail: ca.sevilla@casaalvarez.com

Casa Álvarez, Material Científico, S. A. founded in 1912 by Mr. Manuel Álvarez, has more than one hundred years history. After more than a century in the field of Histopathology and Cytology, we make an assessment of the evolution of the company over these years.

Its start was based on the supply of the reputable microscopes from the firm Zeiss to the universities. Afterwards, requests for other products were increasing, and items with our brand M. Alvarez were added to the sales catalog as stoves, baths, lamellae filing cabinets, products manufactured in glass including blown flasks, test tubes, pipettes, and so on. The first contractually represented firm was Ernst Leitz Wetzlar, gmbh (Germany), later acquired by the Swiss company Wild Heerbrugg AG. With these two represented firms we expanded very significantly the microscopy and microtomy market in the hospital, university, research and industry sectors.

In 1985 we added the representation of Feather Safety Razor, Co. through its European representative Pfm, AG, bringing into the market the Feather microtome blades, largely used today due to its well-earned reputation.

In 1987 Wild-Leitz decided to open its own headquarters in Spain, so we incorporated other representations in our catalog, such as Vogel Gmbh, Bright Instruments, Co., Oxford trade, Inoxfune, etc., which along with Feather - Pfm medical, ag are nowadays well established.

In 2011 we created our own brand Casa Alvarez of products for Histopathology and Cytology.

In 2012 we signed a contract for exclusive representation in Spain with the manufacturer Medical Specialties MYR for the distribution of MYR brand for Pathology and Cytology.

In 2014 we redesigned our corporate image and our website to provide a better service.

In 2015, we signed an agreement with Optilia (macro photography cameras).

In 2016, under license of the German manufacturer Vogel, we started to manufacture grossing stations and cabinets in Spain.

In 2017, we signed agreements with IQAir and West Medica companies.

In 2018 our international expansion begins and we open our first headquarters outside of Spain, in Mexico City.

Our goal is to provide the necessary and appropriate advice to each client to meet their needs and satisfy them, as well as to establish future business relationships.





- * Histopathology staining kits
- * Reagents and dyes for cytology and pathological anatomy
- * Plasticized Paraffin
- * Microtome accessories



- * Rotation and sledge microtomes for sections in paraffin
- * Histology bath with illumination
- * Cryogenic unit
- * Microtome accessories



- Coverslip band for automatic mounters.



- * Cassettes and slides printers.



- * Tungsten blades.
- * Tungsten disposable blades.



- * Stackable metallic filing cabinets for microscope slides and cassettes
- * Biopsy pads
- * Microscope slides and coverslips
- * Portable and tabletop filtration units



- * Large capacity filing cabinets for microscope slides and cassettes.
- * Grossing Stations
- * Histology baths
- * Cassettes, Molds, lids, etc.



- * Cryostats.
- * Rotation microtomes.
- * Sledge microtomes.
- * Autonomous freezing units.



- * Polystyrene filing cabinets for histological cassettes, possible to assemble in the form of file murals.



- * Disposable microtome blades
- * Autopsy, carving and dissection blades
- * Disposable blades holder



- * Tissue processors.
- * Embedding stations.
- * Dispensing unit.
- * Cryoconsole.
- * Automatic Stainer.



- * Autopsy saw with controller.
- * Autopsy saw with particle extraction system up to 1/2 μ.



- * Safety cabinets for storing toxic and flammable products, acids and bases.

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Pfm medical AG, founded 40 years ago, distributes in Europe through its representatives in each country, the reputable blades from the firm FEATHER Safety Razor Co., Ltd.

MICROTOME DISPOSABLE BLADES



The ultra precise edge of these disposable razors is specially coated to get cuts superior than the standard. The extensive Feather product line allows you to choose the blade type that best suits your needs.

The products of the firm FEATHER Safety Razor Co., Ltd. have the  certificate.



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Quality and Experience

MICROTOME DISPOSABLE BLADES



FEATHER S-35 DISPOSABLE BLADES

35° stainless steel disposable blade for fine cuts on biopsy bands specially on soft tissues, or not extremely hard tissues embedded in paraffin.

Dimensions: 80x8 mm.

Dispenser of 50 blades

Reference: 07500000



FEATHER R-35 DISPOSABLE BLADES

35° Disposable stainless steel blade, for cuts on bands of not extremely hard tissues embedded in paraffin.

Dimensions: 80x8 mm

Dispenser of 50 blades

Reference: 07500005



FEATHER A-35 DISPOSABLE BLADES

35° disposable stainless steel blade, for cuts on bands of soft or not extremely hard tissues embedded in paraffin, and obtaining extremely fine cuts.

Dimensions: 80x8 mm.

Dispenser of 50 blades

Reference: 07500011



FEATHER C-35 DISPOSABLE BLADES

35° carbon steel disposable blade exclusively for cryostat sections.

Dimensions: 80x8 mm

Dispenser of 20 blades

Reference: 07500003



FEATHER N-35 DISPOSABLE BLADES

35° stainless steel disposable blade, for fine cutting of hard tissues embedded in paraffin.

Dimensions: 80x8 mm

Dispenser of 50 blades

Reference: 07500006



FEATHER N-35-HR DISPOSABLE BLADES

35° stainless steel disposable blade for fine cuts of hard tissues embedded in paraffin.

Dimensions: 80x8 mm

Dispenser of 50 blades

Reference: 07500006



FEATHER HIGH PROFILE DISPOSABLE BLADES

35° disposable stainless steel blade, to cut all kinds of tissues embedded in paraffin.

Dimensions: 80x16 mm.

Dispenser 50 of blades

Reference: 07500010



FEATHER A-22 DISPOSABLE BLADES

22° stainless steel disposable blade, for very fine cuts of fibrous tissues embedded in paraffin in the routine and research.

Dimensions: 80x8 mm.

Dispenser 50 of blades

Reference: 07500002



FEATHER S-22 DISPOSABLE BLADES

22° stainless steel disposable blade, for very fine cuts of very soft tissues embedded in paraffin.

Dimensions: 80x8 mm.

Dispenser 50 of blades

Reference: 07500001



FEATHER S-35-L DISPOSABLE BLADES

35° stainless steel disposable blade, for cutting of larger tissue samples and routine cutting.

Dimensions: 120x8 mm

Box of 20 blades

Reference: 07500004



FEATHER S-35-LL DISPOSABLE BLADES

35° stainless steel disposable blade, for cutting of larger tissue samples and routine cutting.

Dimensions: 180x8 mm

Box of 20 blades

Reference: 07500009

TRIMMING AND AUTOPSY BLADES



The range of trimming and autopsy handles and disposable blades provide the possibility of having a blade with a precise edge at all times. The handles, made of polysulfone resin, are suitable for autoclaving. The cutting line provides a solid blade to obtain undistorted cuts.



DISPOSABLE HANDLES AND BLADES FOR TRIMMING, AUTOPSY AND DISSECTION



F-80 MINI TRIMMING HANDLE

Handle without metal guide to use with the disposable microtome 80 mm blades

Reference: **05570000**



F-80 TRIMMING HANDLE

Flat polysulfone handle, with metal guide to use with the disposable microtome 80 mm blades.

F-130 and F-260 TRIMMING HANDLE

Polysulfone handle, flat or angled, with metallic guide and bolt to fix the blade, for trimming of anatomical pieces.

Reference	Type	Version	Blade length
05550001	F-80	Standard	80 mm
05530001	F-130 (S)	Standard	130 mm
05520000	F-130 (R)	Right hand	130 mm
05510000	F-130 (L)	Left hand	130 mm
05540001	F-260	Standard	260 mm



DISPOSABLE TRIMMING BLADES

Disposable steel blades for trimming of anatomical parts, to insert into the handles F-130 and F-260. Presentation: 50 units.

Reference	Length	Units
05500000C	130 mm	50
05500001C	260 mm	50



DISPOSABLE HANDLES AND BLADES FOR TRIMMING, AUTOPSY AND DISSECTION



SAFETY TRIMMING HANDLE

Trimming handle to use the above safety trimming blades. Supports autoclaving, resistant to chemical products and easy to clean. Blade fastening with two bolts that prevent the accidental release of the blade.

Reference: 06600000



SAFETY TRIMMING BLADE

Safety trimming steel blades that include are in forcing rib to hold the handle. Hard plastic case for storage.

Reference	Length	Units
06600130	130 mm	10
06600260	260 mm	10



F-100 AUTOPSY HANDLE

Handle of special resin for autopsy disposable blades. It supports autoclaving, chemical products resistant and easy to clean. Scissors opening shape, guide for insertion of the blade, internal fixation pivot and back locking. The whole system precludes accidental opening and unintentional release of the blade.

Reference: 05000000



DISPOSABLE AUTOPSY BLADES

Stainless steel disposable blade for autopsies. To insert in the F-100 handle. Presentation: 5 Units.

Reference	Length	Units
05000100	100 mm	5
05000170	170 mm	5
05000325	325 mm	5



F-60 DISSECTING HANDLE

Functional resin handle special for dissection blades. It supports autoclaving, easy to clean. Scissors opening shape for inserting the blade and back closure. The whole system precludes accidental and unintentional operation.

Reference: 05600000



DISSECTING BLADES

Stainless steel disposable blade for dissecting. Narrow or wide. To insert in the F-60 handle.

Presentation: 20 units.

Reference	Type	Model	Length	Units
05600001	61	Wide	77 mm	20
05600002	62	Narrow	77 mm	20



SCISSORS WITH DISPOSABLE BLADES FOR TRIMMING, AUTOPSY AND DISSECTION



Nº 145 DISPOSABLE BLADES SCISSOR

Scissors with interchangeable blades. Scissors length 155mm.

Reference: 08000055



CUCHILLAS DESECHABLES PARA TIJERA Nº 145

Stainless steel blades. Pointed shape (AF type), and blunt shape (ME type). Interchangeable types. Easy to change. Unable to sharpen.

Presentation: 5 pairs.

Reference	Type	Length	Units
08000155	AF/EM	46 mm	5 pairs
08000156	EM/EM	46 mm	5 pairs
08000157	AF/AF	46 mm	5 pairs



pfmmedical
Quality and Experience

MICROTOME DISPOSABLE BLADE HOLDERS



FEATHER 130A HOLDER

Stainless steel holder for disposable blades. Suitable for rotary microtomes, cryostats and freezing microtomes. Blade fastening through a plate with two bolts. Includes 50 disposable blades FEATHERS-35 dispenser. Length: 130mm.

Reference: 07000130



FEATHER 130AE HOLDER

Stainless steel holder for disposable blades. Suitable for rotary microtomes. Device for quick fastening and release of the blades. Includes 50 disposable blades FEATHERS-35 dispenser. Length: 130mm.

Reference: 07000131



FEATHER 130C HOLDER

Stainless steel holder for disposable blades. Suitable for cryostats. Blade fastening through a magnetite coated plate with two bolts. Includes 20 disposable blades FEATHER C-35 dispenser. Length: 130mm.

Reference: 07000132



FEATHER 130C-AO HOLDER

Stainless steel holder for disposable blades. Suitable for American Optical cryostats. Blade fastening through a magnetite coated plate with two bolts. Includes 20 disposable blades FEATHER C-35 dispenser. Length: 130mm.

Reference: 07000133



pfmmedical
Quality and Experience

DISPOSABLE BLADES HOLDER



FEATHER 130C-CR HOLDER

Stainless steel holder for disposable blades. Suitable for Bright FC/FCS cryostats and Cambridge Rocker cryostats. Blade fastening through a magnetite coated plate with two bolts. Includes 20 disposable blades FEATHER C-35 dispenser.

Length: 130mm.

Reference: 07000134



FEATHER 160 HOLDER

Stainless steel holder for disposable blades. Suitable for rotation and sliding microtomes. Blade fastening through a plate with three bolts. Includes 50 disposable blades FEATHER S-35 dispenser.

Length: 160mm.

Reference: 07000160



FEATHER 160E HOLDER

Stainless steel holder for disposable blades. Suitable for sliding microtomes. Device for quick fastening and release of the blade. Includes 50 disposable blades FEATHER S-35 dispenser.

Length: 160mm.

Reference: 07000161



FEATHER 160C HOLDER

Stainless steel holder for disposable blades. Suitable for cryostats. Blade fastening through a magnetite coated plate with three bolts. Includes 20 disposable blades FEATHER C-35 dispenser.

Length: 160mm.

Reference: 07000162



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Quality and Experience

DISPOSABLE BLADES HOLDER



FEATHER 240S HOLDER

Stainless steel holder for disposable blades. Suitable for sliding microtomes. Blade fastening through a plate with three bolts. Includes 50 disposable blades FEATHER S-35 dispenser. Length: 240mm.

Reference: 07000240



FEATHER 240D HOLDER

Stainless steel holder for disposable blades. Suitable for sliding microtomes. Double fastening device through two plates with three bolts for two standard blades or for a long blade. Includes 50 disposable blades FEATHER S-35 dispenser. Length: 240mm.

Length: 240mm.

Reference: 07000241



FEATHER 240E HOLDER

Stainless steel holder for disposable blades. Suitable for sliding microtomes. Extremely long device for quick fastening and release of the blades. Suitable for disposable blades FEATHER S-35-L and S-35-LL. Length: 240mm.

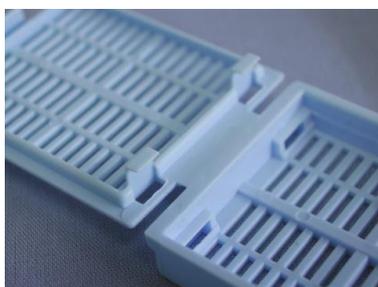
Reference: 07000242



GRID TYPE CASSETTES WITH LID

FOR PROCESSING AND EMBEDDING IN PARAFFIN OF HISTOLOGICAL SAMPLES

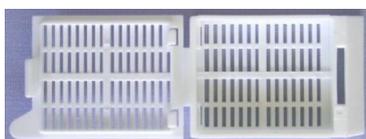
"HOSTAFORM ACETAL" acetate cassettes in different colors, with dual rear anchor lock for extra security closing, blunt tab for easy opening of the lid by hand or with tweezers. Lid easy to break when opening the cassette. Writing surface of 28x7mm on the anterior face inclined at 45, and of 30x5mm on both sides. The infiltration of the processing liquid paraffin is performed perfectly flowing @ [~ * @] vents.



Dual rear security anchor lock



Blunt tab for opening of the lid



WHITE CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9020



ORANGE CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9021

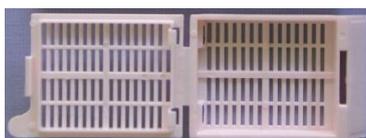


BLUE CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9022



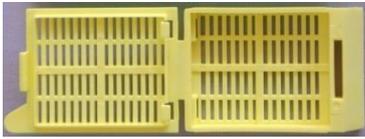
PINK CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9023

TESPA



YELLOW CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9024



GREEN CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9025

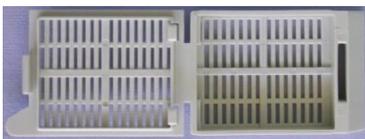


RED CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9026



GREY CASSETTE WITH DISPOSABLE LID

1000 cassettes in two boxes of 500 units.

Boxes with dispensing opening.

Reference: VSP-5-9027



EMBEDDING CASSETTES WITHOUT LID

Cassette for the processing and formation of the paraffin block, using closing metal lids.

2 boxes of 500 units.

Reference	Color
VSP-5-9010	White
VSP-5-9011	Orange
VSP-5-9012	Blue
VSP-5-9013	Pink
VSP-5-9014	Yellow
VSP-5-9015	Green

**OXFORD
TRADE**

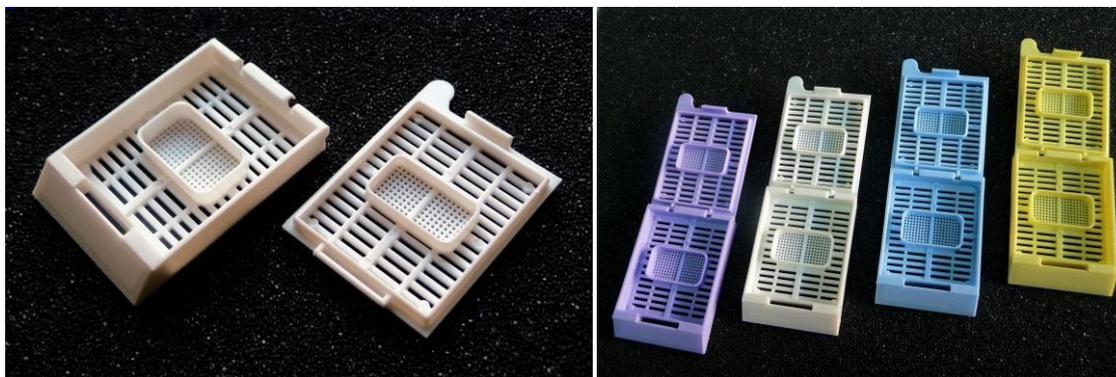
MICROBIOPSY CASSETTES

Cassettes with a micro grid cell for the processing of small biopsies

- Cassettes, specially designed for very small biopsies.
 - Grid cassette with 1 inner cell, with 0,09mm² holes.
 - Different colors.
 - Removable lid.
- Boxes with 600 units.

Its structure is that of a standard grid type cassette, with an inner cell of micro grid and removable lid. The anterior writing surface has the standard angle to suit most of the automatic printers.

The holes of the cell are 0,09 square mm, thin enough to allow the biopsies to be processed, guaranteeing the exchange of fluids and a good drainage, with out the need to use pads or wrapping paper.



Reference	Color	Presentation
OT-10-9040	White	Box of 600 units
OT-10-9041	Yellow	Box of 600 units
OT-10-9042	Blue	Box of 600 units
OT-10-9043	Orange	Box of 600 units
OT-10-9044	Green	Box of 600 units
OT-10-9045	Pink	Box of 600 units
OT-10-9046	Mauve	Box of 600 units

**OXFORD
TRADE**

CASSETTE RACKS FOR AUTOMATIC PRINTERS

STANDARD GRID CASSETTES WITH DISPOSABLE LID TAPED IN RACK

"HOSTAFORM ACETAL" acetate cassettes in different colors, with dual rear anchor lock for extra security closing, blunt tab for easy opening of the lid. Writing surface of 28x7 mm in the anterior face inclined at 45°, and of 30x5 mm on both sides.

Presented in rows of 40 cassettes with adhesive tape that leaves no residue on the cassette. It makes it easy to load cassette printers saving time, while providing greater convenience to the user. Once inserted the cassettes, the tape comes off very easily.



Reference	Color	Presentation
OT-10-9120	White	Box of 600 units
OT-10-9121	Yellow	Box of 600 units
OT-10-9122	Blue	Box of 600 units
OT-10-9123	Orange	Box of 600 units
OT-10-9124	Green	Box of 600 units
OT-10-9125	Pink	Box of 600 units

**OXFORD
TRADE**

CASSETTE RACKS FOR AUTOMATIC PRINTERS

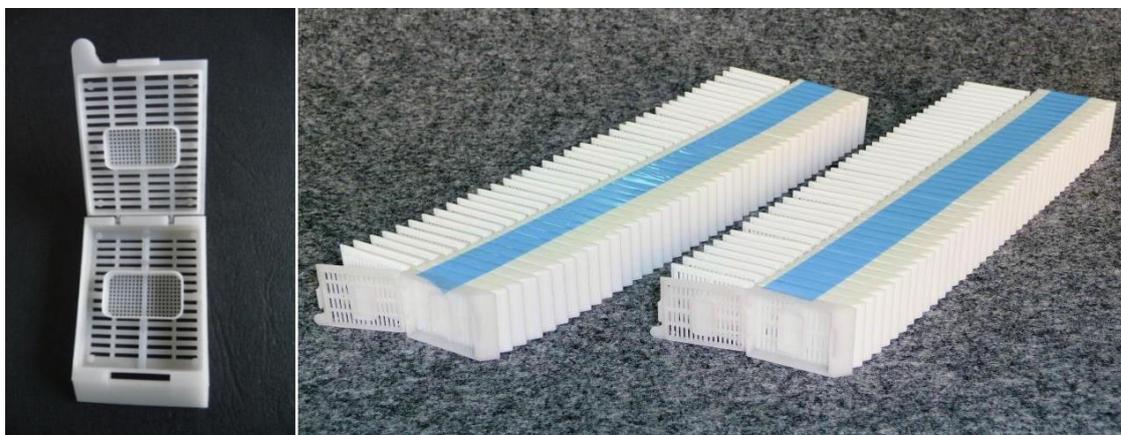
MICROBIOPSY CASSETTES WITH REMOVABLE LID TAPED IN RACK

"HOSTAFORM ACETAL" acetate cassettes in different colors, with rear removable hinge, blunt tab for easy opening of the lid. Writing surface of 28x7 mm in the anterior face inclined at 45°, and of 30x5 mm on both sides.

Its structure is that of a standard grid type cassette, with an inner cell of micro grid and removable lid. The anterior writing surface has the standard angle to suit most of the automatic printers.

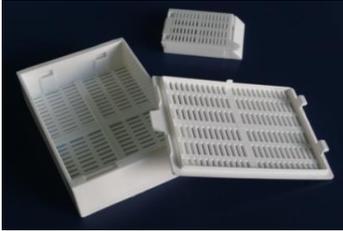
The holes of the cell are 0,09 square mm, thin enough to allow the biopsies to be processed without the need to use pads or wrapping paper, guaranteeing the exchange of fluid and a good drainage.

Presented in rows of 40 cassettes with adhesive tape that leaves no residue on the cassette. It makes it easy to load cassette printers saving time, while providing greater convenience to the user. Once inserted the cassettes, the tape comes off very easily.



Reference	Color	Presentation
OT-10-9140	White	Box of 600 units
OT-10-9141	Yellow	Box of 600 units
OT-10-9142	Blue	Box of 600 units
OT-10-9143	Orange	Box of 600 units
OT-10-9144	Green	Box of 600 units
OT-10-9145	Pink	Box of 600 units
OT-10-9146	Mauve	Box of 600 units

TESPA



SUPER MEGA CASSETTE WITH DISPOSABLE LID

Cassette of large size and depth for processing and forming paraffin macro blocks of large tissue samples (embryos, tracheas, prostates, etc.), with lid of double security anchorage. White color. Interior dimensions: 49,5x65x14mm

Box of 100 units.

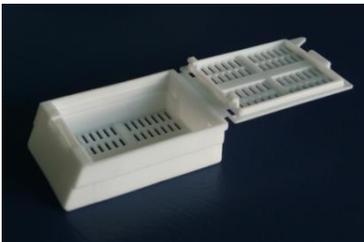
Reference: VSP-5-9060



STAINLESS STEEL SUPER MEGA MOLDS

Large stainless steel molds for forming paraffin macro blocks with Super Mega cassettes in the process of embedding tissues.

Reference: VSP-5-8166



MEGA CASSETTE WITH DISPOSABLE LID

Twice the depth of the standard cassette, for tissues samples thicker than normal.

Interior dimensions: 26x32x11mm. White color.

Box of 750 cassettes.

Reference: VSP-5-9040



STAINLESS STEEL MEGA CASSETTE MOLDS

Double depth mold 30 x 24 x 12 mm to use Mega cassettes.

Reference: L43055

**OXFORD
TRADE**



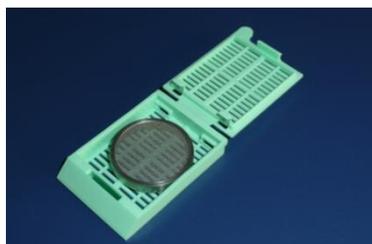
BIOPSY PADS

They facilitate the embedding of small biopsies in the same standard grid type cassette without need to use other special and more expensive cassettes. They are made with open cells foam, to ensure infiltration of fluids around and through the tissue sample. They are thinner than other brands, which facilitate its placement in the cassette, without applying excessive pressure on the sample.

Available in blue color, of rectangular shape.

Presentation in bags of 500 units.

Reference: 10/01000



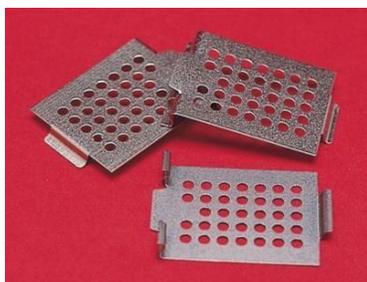
STEEL CAPSULES FOR SMALL BIOPSIES

Stainless steel capsules formed by two rings, for small biopsies. Used in standard cassettes as wrapping paper replacement.

Outer diameter:24 mm

Height: 4mm

Reference: VO-9-3001



STAINLESS STEEL LIDS

Stainless steel lids for the closing of cassettes without lid in the processing and embedding of tissues. Box of 25 units.

Reference: VSP-5-8000



STAINLESS STEEL EMBEDDING MOLDS

Stainless steel molds to form paraffin blocks with cassettes in the process of embedding tissues.

Box of 12units.

Reference	Dimensions	Units
VSP-5-8107	7x7x6mm	12
VSP-5-8115	15x15x6 mm	12
VSP-5-8124	24x24x6 mm	12
VSP-5-8130	30x24x6 mm	12
VSP-5-8137	37x24x6 mm	12



PARAFFIN FOR PROCESSING AND EMBEDDING OF TISSUES



HISTO-COMP PLASTIFIED PARAFFIN

Plastified paraffin in lentil shape for the processing and embedding of tissues in histopathology laboratories. Melting temperature of 56°C.

The lentil-shaped production accelerates its change from solid to liquid state.

White and clean of waste, it prevents the formation of sediments in the baths. It is virtually odorless. It does not contain the compound dimethylsulfoxide DMSO.

Once the block is assembled with the sample, this paraffin facilitates the subsequent microtome slicing, largely avoiding that the slices or cut strips are attracted by static electricity.

Made in the German Fed.Rep. according to recommendations from the German Fed. Health Office (BGA Bundesgesundheitsamt).

Presentation:

Box with 5 bags of 2 Kg.

Reference: CA-09-5658



STACKABLE FILING CABINETS FOR CASSETTES



FILLING CABINETS FOR PARAFFIN BLOCKS

Rigid plastic filing cabinet to file paraffin blocks embedded in histologic cassettes. Made of plastic obtains not only great strength and stability but also lightweight. Vertically and horizontal assembly with special anchors for creating file murals. 6 drawers with trays of 7 rows. Nametags holder.

Approximate capacity: 1700 cassettes.

Dimensions: 270 x 345 x 340 mm

Reference: 01600



LARGE CAPACITY UNIVERSAL FILING CABINETS



LARGE CAPACITY UNIVERSAL FILING CABINETS

Steel sheet filing cabinet with 10 drawers and cargo trays. Coding tapes. Smooth and even drawers sliding system, even at full load, by special telescopic guides. Centralized lock and security device that prevents opening more than one drawer at a time, thus avoiding a possible swing.

VOGEL FILING CABINET Approximate capacity 154.000 slides

Black anodized aluminum handle.

Dimensions: 110 cm height x 105 cm width x 75 cm depth

Net weight: 220Kg. Gross weight loaded with slides: 1.030kg

Reference: VO-5-3113P

VOGEL FILING CABINET Approximate capacity 103.000 slides

Black anodized aluminum handle.

Dimensions: 110 cm height x 75 cm width x 75 cm depth

Net weight: 190Kg. Gross weight loaded with slides: 730kg

Reference: VO-5-3173P

VOGEL FILING CABINET P/42.000 CASSETTES

Black anodized aluminum handle. Simple wall panel.

Dimensions: 110 cm height x 105 cm width x 75 cm depth

Net weight: 220Kg. Gross weight loaded with slides: 590kg

Reference: VO-5-3113B

VOGEL FILING CABINET P/28.000 CASSETTES

Black anodized aluminum handle. Simple wall panel.

Dimensions: 110 cm height x 75 cm width x 75 cm depth

Net weight: 190Kg. Gross weight loaded with slides: 440kg

Reference: VO-5-3173B

**OXFORD
TRADE**

STACKABLE FILING SYSTEM



Modular system cabinets for preparations, cassettes and slides, made of steel sheet and individually sealed on top and bottom to prevent the entry of dust or artifacts. Stackable and combinable to form columns of files. Two tone baked powder paint, gray color.



SLIDES FILING CABINET

14 side guide drawers. Metal handle. Slots for ID tags. Approx. capacity 6.000 slides.

Dimensions: 480 x 480 x 140 mm

Reference: **OT1613**



CASSETTES FILING CABINET

8 drawers with fixed spacers for 7 rows of cassettes.

Approximate capacity 3.000 cassettes.

Dimensions : 480 x 480 x 290 mm

Reference: **OT1610**



Combined: cassettes and Super mega cassettes (**Macro blocks**)

Reference: **OT1610C**



FILING CABINET FOR COLOR SLIDES AND MICROSCOPE SLIDES OF 75 x 50 mm (Macro blocks)

8 side guide drawers. Approx. capacity 3.400 color slides.

Dimensions: 480 x 480 x 140 mm

Reference: **OT1616**

**OXFORD
TRADE**



METALLIC LID

Steel sheet lid to cover the filing cabinets as superior finishing.

Dimensions: 480 x 480 x 25 mm

Reference: **OT1612**

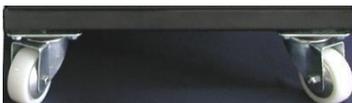


METALLIC BASE

Base in steel sheet to lift filing cabinets as lower finishing and ease the cleaning of the floor.

Dimensions: 480 x 480 x 115 mm

Reference: **OT1611**



PLINTH WITH WHEELS

To ease the mobility of the columns of files.

Dimensions: 480 x 480 x 135 mm

Reference: **OT1614**

**OXFORD
TRADE**

STACKABLE FILING SYSTEM -THRIFTY LINE-



FILING CABINET FOR MICROSCOPE SLIDES

Stackable modular system for slides.

Enameled metal frame in light gray color, with 13 ABS drawers; blue color removable front with slots for ID labels. Glide by guides at the base.

Capacity: 5.500 slides.

Dimensions: 480 x 480 x 140 mm

Reference: **OT-P5500**

FILING CABINET FOR CASSETTES

Stackable modular system for embedding cassettes.

Enameled metal frame in light gray color, with 13 ABS drawers; blue color removable front with slots for ID labels. Glide by guides at the base.

Capacity: 800 cassettes.

Dimensions: 480 x 480 x 90 mm

Reference: **OT-C0800**

**OXFORD
TRADE**

THRIFTY LINE



ABS HOUSING FOR MICROSCOPE SLIDES

Reference: OT-CP5500 (10 units.)

ABS HOUSING FOR CASSETTES

Reference: OT-CC0800 (10 units.)

MICROSCOPE SLIDES HOUSING FRONT

Reference: OT-FP5500 (10 units.)

CASSETTES HOUSING FRONT

Reference: OT-FC0800 (10 units.)

METALLIC BASE

Dimensions: 480x480x115 mm

Reference: OT-B0855

METALLIC LID

Dimensions: 480x480 25 mm

Reference: OT-T0855

SAMPLES TRANSFER



TRAY WITH LIDS FOR 20 SLIDES

Robust and solvents resistant, this tray is designed for a capacity of 20 slides. Transparent lids for identification and easy opening. The slide rests on four ledges, for easy pickup and provide a faster drying time.

Reference: L46036



TRAY FOR 20 SLIDES

Tray for 20 slides. Made of PVC easy to clean. Space for fingers to be able to grab the slides easily.

Reference: 192010



CASES FOR SLIDES

For the in-house transit or mailing of slides.

Reference: 102500 Case for 1 preparation

Reference: 102501 Case for 2 preparations



LEATHER SIMILE BOX FOR 100 SLIDES

Wooden box in leather simile for filing 100 slides. Slotted. Numbered file for slides description.

Reference: M016201



CONTAINER FOR SURGICAL SPECIMENS

Polystyrene disposable container for transportation of surgical or anatomical specimens. Leak-proof lid.

Reference: 400500 500ml 250un.

Reference: 401000 1 L 150 un.

Reference: 402500 2,5 L 60 un.

Reference: 405000 5 L 40 un.

Reference: 4011000 11 L 21un.

Reference: 4030000 30 L 1 un.

Reference: 6000500 50 L 1 un.

Reference: 6001000 100 L 1 un.

**OXFORD
TRADE**

MICROSCOPE SLIDES



OXFORD TRADE offers slides for microscopy made of uncoated high quality substrate glass sheet. A rigorous automatic cleaning process removes all particles, residues, and contaminants from the surface, they are inspected three times by separate to ensure that the slides are ready to use. Packaged in recyclable cardboard boxes.

CLEAR MICROSCOPE SLIDES 76 X 26 mm

- With **beveled** edges. Thickness: 1.0 - 1.2mm. Angles of 45°. Box of 50u. Reference: **7626B45**
- With **ground** edges. Thickness: 1.0 - 1.2mm. Angles of 90°. Box of 50u. Reference: **7626E90**

ONE FACE AND ONE EDGE FROSTED BAND MICROSCOPE SLIDES 76 x 26 mm

- **Beveled** edges. Angles of 45°. Thickness: 1.0 - 1.2mm. Box of 50u. Reference: **7626BBM45**
- **Ground** edges. Angles of 90°. Thickness: 1.0 - 1.2mm. Box of 50u. Reference: **7626EBM90**

DOUBLE FACE AND ONE EDGE FROSTED BAND MICROSCOPE SLIDES 76 x 26 mm

- **Ground** edges. Angles of 45°. Thickness: 1.0 - 1.2mm. Box of 50u. Reference: **7626EBM45D**

COLOR BAND ONE FACE AND ONE EDGE MICROSCOPE SLIDES 76 x 26 mm

- **Ground** edges. Thickness: 1.0 - 1.2mm. Box of 50u. Colors, angles and edges:

Color	Angles	Reference	Angles	Reference	Angles and edges	Reference
Yellow	90°	7626EBY90	45°	7626EBY45	Beveled and 45°	7626BBY45
White	90°	626EBW90	45°	7626EBW45	Beveled and 45°	7626BBW45
Blue	90°	7626EBB90	45°	7626EBB45	Beveled and 45°	7626BBB45
Green	90°	7626EBG90	45°	7626EBG45	Beveled and 45°	7626BBG45
Orange	90°	7626EBO90	45°	7626EBO45	Beveled and 45°	7626BBO45

**OXFORD
TRADE**

COVERSLIPS



The cover slips are made of pure white high quality boron silicate glass, using glass free of blisters, flaw sand scratches. These coverslips offer maximum clarity, corrosion resistance, and even thickness and size. The strict manufacturing specifications are controlled during the cutting, the cleaning, the weighting and the packing procedures. It includes desiccant packets in each box.

Square	
Reference	Standard Size
2020R	20 × 20 mm
2424R	24 × 24 mm

Rectangular	
Reference	Standard Size
2432R	24 × 32 mm
2440R	24 × 40 mm
2450R	24 × 50 mm
2460R	24 × 60 mm

- Coverslips thickness: 0,13 to 0,17mm.
- Presentation: Box of 100u.



RAPID PANOPTIC STAINING



CASA ALVAREZ RAPID PANOPTIC

The rapid panoptic staining is a differential staining method that allows observation of the blood cells. Due to the interaction between the colorants, nuclei and granule scan be differentiated in violet color. It is a modification of the Romanowsky stain, giving a much quicker procedure based on immersions.

Panoptic	Reagents	ContainerSize	Reference
Panoptic N°1	Green Fixer	1 Liter Container	FV500002.3011
		5 Liter Container	FV500004.3011
Panoptic N°2	Rapid Eosin	1 Liter Container	ER090102.3011
		5 Liter Container	ER090104.3011
Panoptic N°3	Rapid Blue	1 Liter Container	AR090102.3011
		5 Liter Container	AR090103.3011



SOLUTION DYERS



HARRIS HEMATOXYLIN FOR HISTOLOGY

For core staining. It does not contain mercury.

It differs from the Papanicolaou for cytologies in a higher concentration of acetic acid.

The staining times are fast, 2-3 minutes. The shift is performed in water.

Reference: 10-2331 1 Liter Bottle

Reference: 10-2332 2.5 Liter Bottle



GILL II HEMATOXYLIN

Recommended for cytology but also for histology.

It is functionally a substitute of Mayer hematoxylin.

The method consists of staining with Gill II for 2-5 minutes, then rinse with water for 3-5 minutes.

Reference: 10-2110 1 Liter Bottle



HARRIS HEMATOXYLIN FOR PAPANICOLAOU

For core staining. Suitable for cytology. It is very concentrated and allows to make an intense core staining (1-2min)

It differs from the original formula in that it does not contain mercury, and a glycolic stabilizer has been added.

Reference: 10-2551 1 Liter Bottle

Reference: 10-2552 2.5 Liter Bottle



EOSIN 0.5% Y (ALCOHOLIC) without acetic acid

Yellowish eosin Y for cytoplasm staining, it has an alcohol base, ready to use, mainly used in routine histology with H&E. It does not contain acetic acid.

Reference: 10-3001 1 Liter Bottle

Reference: 10-3002 2.5 Liter Bottle



EOSIN 1% Y (ALCOHOLIC) with acetic acid

It contains acetic acid. More intense coloration.

Reference: 10-3051 1 Liter Bottle

Reference: 10-3052 2.5 Liter Bottle



ORANGE PAPANICOLAOU OG-6

For cytoplasmic staining, without methanol. It colors the keratinized elements. The nuclei are blue purple, the cyanophilic cytoplasm blue green. The eosinophilic pink and the keratinized cytoplasm pink-orange.

Reference: 10-4001 1 Liter Bottle

Reference: 10-4002 2.5 Liter Bottle



PAPANICOLAOU EA-50

For cytoplasmic staining, without methanol. It allows to differentiate the cyanophilic (sky-blue cytoplasm) from the eosinophilic cells (light red cytoplasm).

Reference: 10-5001 1 Liter Bottle

Reference: 10-5002 2.5 Liter Bottle



SCHIFF REAGENT

It is used for the periodic acid-Schiff standard (PAS) according to Hotchkiss McManus. Reagent for evidencing over tissue components characterized by adjacent glycolic or amino hydroxyl groups. For mucous substances, Glycon, basement membrane and fungal cell walls. A positive reaction produces a bright pink red purple color.

Reference: 10-8000 500 ml Bottle.

MOUNTING MEDIA



DPX MOUNTING MEDIA

Xylene based acrylic resin. Compatible with automatic coverslipers. DPX is the most popular of all the mounting media, allowing the preparations to be easily cleaned after mounting. No fading and it can be used with a variety of stains.

Reference: 10-8500 500 ml bottle.



DECALCIFERS



DECALCIFIER - FIXER

The fields of employment are needle biopsies, small bones, calcified arteries.

Method of use:

1. From 1 to 4 hours for needle biopsies and small bone fragments. From 8 to 16 hours for samples of 3-6 mm thickness.
2. The sample / decalcifier ratio should be 1/100
3. Post-decalcification: Reconditioning of the sample by treating it with water 1 hour or 3 changes of PBS pH 7.4 of 20 minutes each.

Reference: 10-6111 1 Liter Bottle

Reference: 10-6113 2.5 Liter Bottle



RAPID DECALCIFIER

Biacid mixture with saline corrector. Suitable for mineralized tissues, compact bone, scales or calcium deposits in soft tissues.

The saline corrector serves for containing the swelling effect caused by the use of acids.

Time of employment:

1. For 6-12 samples of thickness not exceeding 5 mm
2. The sample / decalcifier ratio should be 1/100

Post-decalcification: Reconditioning of the sample by treating it with water 1 hour or 3 changes of PBS pH 7.4, of 20 minutes each.

Reference: 10-6551 1 Liter Bottle

Reference: 10-6553 2.5 Liter Bottle



MARROW DECALCIFERS

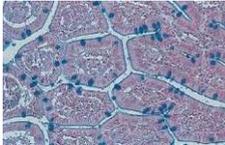
1. Place the sample just extracted 90 minutes in the fixer. Then place the fragment in 70° alcohol for 15 minutes. (In this case you can exceed the time)
2. Move the fragment to B solution (decalcifying, for 90 minutes)
3. Dehydrate in the alcohols series
4. Clear in xylene and impregnate in paraffin.

Reference: 10-6551 1 Liter Bottle

Reference: 10-6553 2.5 Liter Bottle



STAINING KITS FOR HISTO PATHOLOGY



ALCIAN BLUE pH 2.5 Casa Álvarez, 100 test kit. 3 x 30 ml

Like the PAS, it also stains carbohydrates. Detection of acid mucopolysaccharides in tissue sections. Used to differentiate mucosubstances from epithelium or from connective tissue.

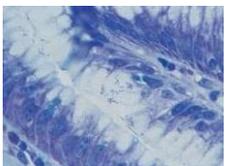
Ref.: AA-1014



COLLOIDAL IRON Casa Álvarez, 100 test kit 6 x 30 ml + 2 x 18 ml

Detection of acid mucopolysaccharides. Used for dyeing iron ions that are absorbed by mucopolysaccharides. It is important to distinguish a kidney malignant neoplasm.

Ref.: HC-1037



MAYGRÜNWALD-GIEMSA Casa Álvarez, 100 test kit.3 x30ml

Cell differentiation of lymphohemopoietic tissue and show parasites in tissue sections. Selective view of the reticuloendothelial.

The method uses two dyes in sequence:

1. The May Grünwald solution, consisting of methylene blue eosinate that colors the nuclei in blue and the basophilic cytoplasm in red-pink.
2. The Giemsa solution, complex mixture, consisting of methylene blue chloride, methylene blue eosinate, sky-blue II eosinate, which increases the intensity of the nuclear staining and the ability to selectively highlight the cell elements.

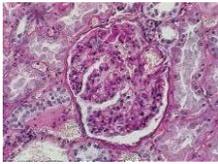
Ref.: MGG-1048



ORCEIN Casa Álvarez, 100 test kit. 2x40ml + 3x30 ml + 2x18ml

View of elastic fibers and amyloid detection. Used to stain elastic fibers, nuclear structures and inclusions in liver cells by the hepatitis B virus.

Ref.: O-1045

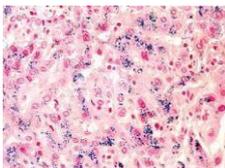


P.A.S. Casa Álvarez, 100 test kit. 5 x30ml

Periodic Acid Schiff. It stains the glycogen, mucosubstances and the carbohydrates. Besides observing the glandular cells containing these substances, it also allows us to see the basement membrane of the epithelia. Fungi such as candida are also stained with PAS and are easier to be seen. It dyes in magenta color.

Used as routine technique for observing the basal membranes that separate the chorion epithelial tissue. It stains the nuclei in blue color, the glycogen in purple, and the PAS material+ (simple polysaccharides, neutral mucopolysaccharides, mucoproteins, glycoproteins and glycolipids) in red-pink.

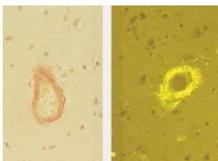
Ref.: PAS-1005



PERLS Casa Álvarez, 100 test kit. 3 x30ml

Selective view at the trivalent iron microscope in slices of medullary tissue, liver, spleen and lymph node. To view both histological tissues and hematological and bone marrow smears.

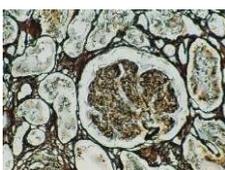
Ref.: P-1019



CONGO RED Casa Álvarez, 100 test kit

Detection of amyloid in tissue sections, according to Highman. The complex formed between the Congo Red and the atypical protein components (beta pleated sheet) of the amyloid, show a pronounced birefracton when exanimating it under a polarized light.

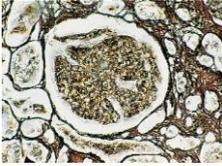
Ref.: RC-1008



SILVER METHENAMINE Casa Álvarez, 100 test kit. 6 x30ml

Diagnostics of fungi and visualization of the argentine-related and mucopolysaccharides elements. Selective view of the argentaaffin and mucopolysaccharides elements (basal membranes, fungi, bacteria, etc.) in histological sections.

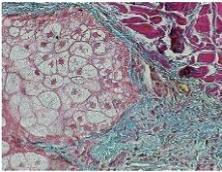
Ref.: SM-1012



SILVER RETICULIN Casa Álvarez, 100 test kit. 5x30ml+2x18ml

Viewing of reticular and myelinated fibers, argentaffin cells and Golgi device in both normal tissues and pathological tissues fixed in formalin and embedded in paraffin.

Ref.: SR-1021



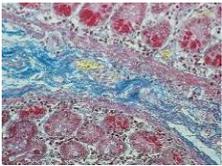
Verde Brillante

MASSON TRICHROME Casa Álvarez, 100 test kit. 4x30ml +2x18ml

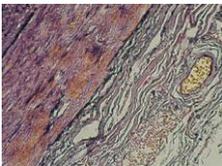
For the visualization of connective tissue. It is a technique for staining of collagen and elastic fibers. Three different colors are observed; connective tissue in green, muscle tissue in brown-green, erythrocytes in red, nuclei in blue- black, and cytoplasm and muscle fibers in pink.

Ref. : TM-1033 Bright Green staining (Goldner)

Ref. : TMA-1054 Aniline Blue staining



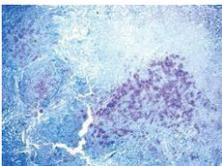
Anilina Azul



WEIGERT-VAN GIESON Casa Álvarez, 100 test kit. 6x30ml+2x18ml

Visualization of elastic fibers, fibrous connective tissue (collagen) and cell nuclei. The contrast with Van Gieson's trichrome stain allows to differentiate the collagen in the connective tissue, being able to view at the same time the nuclei. Fast method.

Ref.: WVG-1026



ZIEHL-NEELEN by FITE Casa Álvarez, 100 test kit. 5 x30ml

Detection of mycobacteria according to Fite (acid fast bacilli resistant, AFBR), especially Koch's bacillus and Hansen's bacillus in histological sections, sputum and cultures extensions. The acid-resistance is a specific property of the cell wall of micro bacteria rich in lipids. This feature is the ability once colored with the Ziehl fuchsin, to keep the redness, even subject to very energetic bleaching treatments.

Ref.: ZNF-1030



SOLVENTS, ALCOHOLS AND SUBSTITUTES



XYLENE

Organic solvent, lightener. Mixture of isomers, odorous and colorless, with a purity of 99,60 %. Insoluble in water, soluble in alcohol and ether.

Reference: 702XI1200.1121 5 liters bottle (packaging compatible with some automatic processors)



DENATURED ETHANOL – HISTODRY -

Denatured ethanol with Bitrex® (Denatonium Benzoate), tax exempt, in three gradations for dehydrating tissues in automatic processors or manual processes.

Histodry 99. Ethanol99. 5L bottle (packaging supports some automatic processors).

Reference: HI440102.1221 5 Liters bottle

Histodry 96. Ethanol96. 5L bottle (packaging supports some automatic processors).

Reference: HI430102.1221 5 Liters bottle

Histodry 70. Ethanol70. 5L bottle (packaging supports some automatic processors).

Reference: HI450102.1221 5 Liters bottle.



ISOPROPANOL

Isopropyl Alcohol, also known as Isopropanol. It is a colorless alcohol, with strong odor and very miscible with water. Used as a solvent or cleaning agent.

Reference: ISO90101.1221 5L bottle (packaging supports some automatic processors).

VARIOUS PRODUCTS

Bright



CRYO – M- BED MEDIA FOR TISSUE FREEZING

Embedding media that allows the collection of sections in the cryostats freezing technique for fresh tissues.

In liquid state the compound is transparent but it becomes opaque when it reaches the freezing point. This helps the placement and orientation of the sample before it reaches the frozen state. It is easily soluble in water, chemically inert. Its high viscosity ensures a strong adhesion of the tissue to the support.

The cuts produced with CRYO-M-BED do not damage the surface of the blade.

113 ml bottle.

Reference: B1056



CRYOSPRAY 134

A quick spray coolant for tissue blocks embedded in paraffin, it is harmless to the ozone as it does not contain CFC . It freezes instantly at -52°C. Two quick bursts are all that is required to ensure deep penetration of the paraffin blocks and fresh tissue, the nozzle and the thin tube help to focus the spray and reduce dispersion. Its quick action helps save time.
300 ml bottle

Reference: B1029



REDUCTION OF TOXIC VAPORS

Due to the carcinogenic effect of the continued exposure to formaldehyde, we present a series of products to minimize the vapors produced by the samples formaldehyde.

PACKAGED FORMALIN



PACKAGES WITH FORMALDEHYDE FOR HISTOLOGY SAMPLES

Polypropylene packages for histological samples, tear proof, with a lid specially designed to avoid leakage, which eliminates the risk of **spillage and evaporation**. The containers are prefilled with a buffered 10% formalin solution neutral pH 7, in a firm and practical package, **to save time and reduce the exposure to formalin vapors**. They are transparent to facilitate viewing of the sample and avoid having to open the lid. Stackable for an easy and safe storage.

Ref: 11-0510 Box of 80 packages of 10ml and 5 ml. of 4% formalin

Ref: 11-1855 Box of 54 packages of 55 ml and 18ml. of 4% formalin

Ref: 11-2855 Box of 54 packages of 55 ml and 28ml. of 4% formalin



4% BUFFERED FORMALIN

Properly prepared and packaged formaldehyde to prevent tampering in its development and minimize the release of toxic gases.

Diluted formaldehyde to 3,7 - 4%. Buffered to pH 7. Stabilized with methanol. Fixative preservative for histological samples.

Ref: FO090101.1221 5Lbottle (package compatible with some automatic processors).



Ref: FO090101.3112 10L package (container with tap). Recyclable card board package. Plastic drum with interior dispensing tap.

**OXFORD
TRADE**

ABSORPTION OF FORMALDEHYDE IN THE TRIMMING

FORMALDEHYDE NEUTRALIZING PADS



On the trimming surface

Used as disposable carving surface, it provides a contrasted blue color to distinguish between the small pieces of tissue. The cut resistant surface absorbs and neutralizes formaldehyde vapor by encapsulation.

In the storage shelves

Most histological specimens containers have formaldehyde losses by the lid.

They allow the shelves to be lined with a material that absorbs any spilled formaldehyde odor neutralizing and drying quickly.

In transit between the OR and Pathology

As transportation background for surgical specimens in containers with formaldehyde.



Reference: ANF2025 25 units of 200x254 mm

Reference: ANF2835 25 units of 280x355 mm

Reference: ANF351554R 355x 15540 mmÁ[||



CARVING AND PREPARATION OF SAMPLES

The VOGEL Universal Carving Stations, for one or more users, with vapors absorption system in the front and downwards through the perforated work surface, depending on the model, maintains a clean atmosphere in the work area while carving and preparing the sample, by circulating air filtration system or exit to the outside. With its **Potassium Permanganate impregnated Aluminum Oxide** filters, you can obtain a filter better than the standard established in the MAK standard.

Made of stainless steel chrome-nickel CNS 1.4301 finely rectified.

The models listed in the catalog are not the only ones, they are just a sample of what we can offer. If you want a more extensive information regarding the catalog models or other possibilities, please do not hesitate to contact us.



UCSF-288L GROSSING STATION

The special development of the downward absorption system with **Aluminum** filters **impregnated with Potassium Permanganate** facilitates a clean atmosphere in the workplace.

Control panel for vacuum speed selection, lighting switch, main switch and hour meter of filters consumption.

Cutting board, single control water coil, faucet with extendable hose for washing the cutting surface, central sink for cutting tools wash. Pool for direct formaldehyde drainage, independent from the general drain. Formaldehyde drum collection with maximum level safety system by electronic beep alarm.

Illumination system. Magnetic holder for cutting tools, paper towel rolls carrier, ruler, Phillips dictaphone with pedal and integrated microphone into the cabinet, scale and frame to work standing or sitting.

Length:	1.250 mm
Depth:	700 mm
Total height with frame:	1.530 mm
Working area:	1.200x515 mm



Optional:

Front and side protection panels

Rectangular box on top for outside air ventilation

Adhered sink with cabinet.

Dictation player for assistant.



UCSA/UCSF-1300 GROSSING STATION 1 USER

The special development of the downward and front absorption system with **Aluminum filters impregnated with Potassium Permanganate** facilitates a clean atmosphere in the workplace.

The basic equipment has hour meter using filters, washing sink with water dispenser, and extensible shower hose. Illuminated. Magnetic holder for cutting tools, cutting board, and integrated into the workplace ruler. Pool for direct drainage to a tank of formaldehyde, formalin dispensing spout for electronically actuated pump. Available with spout for an optional air extraction from the room to the outside, or to the central ventilation system.

OPTIONAL: Front and side protection panels, wipe water, halogen light bulbs

Length:	1.300 mm
Depth:	850 mm
Height:	2.050 mm
Working height:	900 mm
Working Area:	600x500 mm
Vacuum:	Bottom and Front
Filter:	Potassium Permanganate



UCSA/UCSF-1800 GROSSING STATION 1 USER

The special development of the downward and front absorption system with **Aluminum filters impregnated with Potassium Permanganate** facilitates a clean atmosphere in the workplace.

The basic equipment has an hour meter of filters use, wash sink with water dispenser, and an extensible shower hose. Illumination system. Magnetic holder for cutting tools, cutting board, and a ruler integrated into the workplace. Pool for direct formaldehyde drainage into a tank, formalin dispensing spout with an electronically actuated pump (optional). Available with spout for an optional air extraction from the room to the outside, or to the central ventilation system.

OPTIONAL: Front and side protection panels, Wipe water, halogen light bulbs

Length:	1.800 mm
Depth:	850 mm
Height:	2.050 mm
Working height:	900 mm
Working area:	600x900 mm
Vacuum:	Bottom and Front
Filter:	Potassium Permanganate



UCSA/UCSF-1800 GROSSING STATION 2 USERS

The basic equipment has an hour meter of filters use, wash sink with water dispenser, and extensible shower hose. Illumination system. Magnetic holder for cutting tools, cutting board, and a ruler integrated into the workplace. Pool for direct formaldehyde drainage into a tank, formalin dispensing spout for electronically actuated pump. Also available with spout for an optional air extraction from the room to the outside, or to the central ventilation system.

OPTIONAL: Front and side protection panels, Wipe water, halogen light bulbs

Length:	1.800 mm
Depth:	850 mm
Height:	2.050 mm
Working height:	900 mm
Working area:	(2x)600x500 mm
Vacuum:	Bottom and Front



UCS-387 GROSSING STATION 2 USERS AND 2 ASSISTANTS

All the air and the vapors on the surface of the table are absorbed downwards through the perforated plates.

Working Area: 900x700 mm. Frame with adjustable legs for its leveling. Washing sink with 340x370x150 mm in dimension. Faucet with single control and drainage. Exterior exhaust system integrated in the cabinet with a radial fan; noise reducer with a protection system; five position controller for the fan. The **UCS-387** universal grossing table with fan can be built with a filtration device integrated and/or with exterior exit; placed against a wall for one working station, or according to the lab space placed in the center for various working stations, **ones in front of the others.**

Length:	1.500mm
Depth:	1.1 mm
Height:	2.020mm
Working height:	800 mm
Working area:	900x700 mm
Vacuum:	Bottom

IF YOU WISH FURTHER INFORMATION, PLEASE CONTACT US.

SAFELY GROSSING



SAFETY GROSSING BOARD

Integrated stainless steel molds for grossing with different depths, that allow to obtaining cuts quickly and safely, with defined thicknesses of 1.5mm, 2.0mm, 2.5mm, and 3.8mm. Clamps. 150 mm mated ruler for sample measurement.



Reference: 040600 Security grossing board and Tools board with 1x Mini Handle, 1x F-80 Handle, 1x F-130 Handle, 1x F-60 Handle and 1x Scissors with exchangeable blades.

Dimensions: 583 x 350 x 35 mm (Complete)



Reference: 040300 Security grossing board (with molds)

Dimensions: 420 x 350 x 35 mm.

Reference: 040000 Grossing board

Dimensions: 550 x 350 x 35 mm.



CUT RESSISTANT DESSECTION GLOVES

Made of polyethylene with ultra high molecular weight (one of the strongest fibers ever) this lightweight glove provides an excellent resistance to the scalpel and knife cuts. You must use it between two nitrile gloves for maximum protection against possible contamination of body fluids. The sterilization can be achieved with the most conventional techniques, including autoclaving.

Reference: 03561 1 pair size S

Reference: 03550 5 pair size S

Reference: 03562 1 pair size M

Reference: 03555 5 pair size M

Reference: 03563 1 pair size L

Reference: 03560 5 pair size L



SAFETYFLEX SAFETY MESH GLOVES

This glove is made of more than 10.000 stainless steel shackles and provides protection against knife, scalpel and saw, while providing a high degree of flexibility. The Safety flex glove should preferably be used between two Nitrile Gloves, and after using the glove it can be cleaned and sterilized using the most usual methods.

Reference: 03530 1 pair size S

Reference: 03533 1 pair size M

Reference: 03536 1 pair size L

**OXFORD
TRADE**

VACUUM AND FILTRATION OF VAPORS



VAE-991F VACUUM UNIT

The VAE-991F Vacuum Unit entirely built in stainless steel, it ensures a clean atmosphere in the work area during the tasks of staining, assembling preparations, and slicing of small samples, by a circulating air system.

- Activated carbon filter activated for staining and mounting, or of aluminum oxide with potassium permanganate CARUSORB® for samples cutting.
- Glass visor
- 30W fluorescent lighting.
- Vacuum speed regulable in continual.
- Removable stainless steel worktop.



Panel de mandos



Filtro CARUSORB®

Reference: OTUA100 Active carbon

Length:	995 mm	Air velocity in the	
Depth:	600 mm	perforated surface:	0,3 m/s aprox.
Height:	440 mm	Fan power:	3 x 390 m ³ /h
Working area:	995 x 400 mm	Material:	CNS 1.4301 polished

Reference: OTUA100F Aluminum oxide with potassium permanganate



PORTABLE UNITY FOR FORMALDEHYDE VAPORS FILTRATION

The OXFORD TRADE portable filtration unit works to eliminate the formaldehyde vapors, glutaraldehyde, and xylene with a single composite filter of the latest technology, that attracts, reacts, and extracts the vapor molecules.

The carving surface is excellent to attract the vapors localized in a certain area, or those caused by accidental formalin spills.

It is an inexpensive and effective solution for rooms, such as those used for storage packages with formalin-fixed pieces, which often have high levels of formaldehyde vapors simply by evaporation or permeabilization.

The laboratory technicians are routinely exposed to a variety of harmful chemical vapors in the work areas, such as aldehyde (formaldehyde and glutaraldehyde), and volatile organic compounds such as xylene and ethanol. The legislation provides that the employee exposure be maintained below the Occupational Exposure Limits.

Dimensions: Height 175 mm, Width 145 mm, Depth 195 mm
Weight: 4 Kg.

Reference: OT10EFX



CASSETTES AND SLIDES PRINTERS

PRIMERA – SIGNATURE CASSETTES PRINTER



- Direct printing on Cassettes: eliminates the need to write by hand (Difficult to read).
- Thermal transfer printing
- Two versions: Manual and Automatic Prints on demand (print only the number of ports you need)
- On- demand black or color printing. Low maintenance cost
- Fast printing 6 sec. Per cassette (10 cassettes per minute)
- High resolution: 300 dpi
- Print on standard cassettes with 35 ° or 45 ° angles
Either with or without cover, without adjustment (patented adjustment)
- Very quiet during printing No need for ventilation
- Ink resistant to xylene, alcohol, reagents, stains, heat and chemicals: Reliable identification of cassettes is assured now and in the future.
- USB interface Special software PTLab / PTemplate
- Ability to integrate with LIS (Laboratory Information Systems)
- Compatible with most cassette manufacturers on the market: Sakura TissueTek UniCassettes (USA / Japan) Klinipath (Europe) Simport (Canada), etc.
- Dimensions: (manual) 24x22x61 cm / Weight: 12 kg
(Automatic) 49 x 30 x 66 / Weight: 38 kg

Accessories:

- Expansion module: consists of 4 drums or rows of 40 cassettes for a total of 160 cassettes and their installation in the printer is simple.
- Barcode Scanner

Reference: G3/078408

PRIMERA – HEALTHCARE SLIDE PRINTER



- Direct printing on slides
 - Unique and first color printer on the market
 - On-demand printing (print only the number of ports you need)
 - Ink resistant to xylene, alcohol, reagents, stains, heat and chemicals: Reliable identification of slides is assured now and in the future.
 - High resolution: 300 dpi
 - Text, graphics, logos, bar codes and 2D codes included in each port
 - Printing in CMYK Format (Cyan Magenta Yellow Key)
 - Small size: 22x18x32 cm / Weight: 7.62 kg
 - Slides are stored in a closed place (away from dust)
 - Easy maintenance.
 - Special software PTLab / PTemplate for slide template design: ensures that accurate information is always printed on each slide and also allows configurable data output to flow to LIS
 - Resistance IP68: water resistant for use in medicine and can be disinfected with typical hospital cleaning solutions
 - Compatible with most slides available in the market: Klinipath, Menzell k. etc.
- Accesory: •Scanner de código de barras

Reference: G3/078102

IF YOU WISH FURTHER INFORMATION, PLEASE CONTACT US.



CÁMARA DE MACROFOTOGRAFÍA FREESIGHT CON ZOOM ÓPTICO DE 30X



Versatile, scalable and ergonomic HD video camera microscope producing brilliant pictures for fast, reliable optical inspection. The W30x or M20x FreeSight has a powerful and fast 30x optical zoom, with a working range of 350 to 500mm and a fast auto focus for a clear examination of the sample in total High Resolution 1080p. A wide range of lenses, illuminations, software, and configurations of mounts and stands allow all working situations.

Reference M20x: OP-109012 F-M

Reference W30x: OP-209012-M



TECHNICAL SPECIFICATION:

- Image-sensor ○ 1/2.8" CMOS, ~ 3.2M pixels
- Picture-quality ○ Full HD 1080p (1920x1080)
- Output signal ○ 1080/59.94i, 1080/50i, 720/59.94p, 720/50p, PAL, NTSC

- Optics ○ 30x optical zoom with Auto Focus, F1.6 to F14 (F4.7 to F14 at 30x)

- Working distance (w/o Close-up) ○ ~ 350 - 500 mm
- Working distance with +2 Close-up ○ ~ 210 - 245 mm
- Working distance with +5 Close-up ○ ~ 125 - 140 mm
- Working distance with +10 Close-up ○ ~ 73 - 80 mm

- Field of view at 1x zoom ○ ~ 550 x 309 mm (~ 0.9x magnification on 24" monitor)
- Field of view at 10x zoom ○ ~ 56 x 31.5 mm (~ 9.3x magnification on 24" monitor)
- Field of view at 30x zoom ○ ~ 18.5 x 10.4 mm (~ 28x magnification on 24" monitor)
- Field of view 30x zoom +2 Close-up ○ ~ 9.2 x 5.2 mm (~ 57x magnification on 24" monitor)
- Field view 30x zoom +5 Close-up ○ ~ 6.9 x 3.9 mm (~ 75x magnification on 24" monitor)
- Field view 30x zoom +10 Close-up ○ ~ 4.4 x 2.5 mm (~ 118x magnification on 24" monitor)

- Camera control ○ Aluminum housing control unit device with joystick, or PC Control Software via serial COM or USB port.
- Adjustable Parameters ○ Optical zoom, iris, exposure (Shutter speed) brightness, focus, White balance (color), picture freeze, NIR-vision mode, image rotate, negative picture, save & recall, zoom factor display and cross line on live image.

- Laser Poiner ○ Red LED laser, 0,5mW output power, Laser Class 2

- Inputs ○ DC in and Serial RS-232 (via circular conector or 5-pin MiniDin DB9-F an COM- USB adapter)

- Outputs ○ HD Component/Pb/Pr Video out (RCA), PAL/NTSC Video out (RCA)

- Storage environment ○ -20° - +60°C, 20 - 95% RH, non- condensing
- Operating environment ○ -5° - +60°C, 20 - 95% RH, non- condensing
- Power requirement ○ 12.0 VDC, 4.0 W máx.
- Weight of camera ○ 950 g. máx. (Without stand and control unit)

Myr

PROCESSING, EMBEDDING AND STAINING



STP-120 TISSUE PROCESSOR

The STP-120 is nowadays the most advanced carousel tissue processor in the market, both by its performance and its capacity. The new features in the equipment, the rotational agitation that allows a perfect infiltration of the samples, and the spin that optimizes the reagent consumption, ensure that the quality of the processed samples is equal to that obtained with a vacuum equipment.

Available in 3 versions: STP 120-1, STP 120-2 and STP 120-3.

Reference: MSTP-120-1 Standard equipment for 120 samples.

Reference: MSTP-120-2 Standard equipment for 120 samples + Fumes extraction system with active carbon filter.

Reference: MSTP-120-3 Standard equipment for 120 samples + Fumes extraction system with active carbon filter + 3rd paraffin station and 2nd sample holder (up to a total of 240 samples).



EC-350 PARAFFIN EMBEDDING STATION

The EC 350 embedding station has an innovative, compact and ergonomic design, and a high functionality. The flexibility of the new design allows the cold plate (EC 350-2) to be positioned left or right of the dispensing console (EC 350-1) according to the working method of each laboratory. The 5 liters paraffin tank ensures the operation of the dispensing console even in large laboratories.

Reference: MEC-350

EC-500 PARAFFIN EMBEDDING STATION



NOVEDAD

New center of inclusion EC500. Composed by 3 consoles: (Dispenser, thermal and cryogenic), designed to work in comfort and achieve maximum efficiency. It has two large heated chambers of independent form, that allow to store slide carrier basket of the most common processors of the market. Incorporates scrapers (trimmer) for excess paraffin in the blocks and the touch plate dispenser is adjustable to any size of cassettes.

Reference: EC500

Myr PROCESSING, EMBEDDING AND STAINING



MYREVA SS-30 AUTOMATIC DYER

The automatic dyeing system MYREVA, due to its flexibility, allows the automatic and simultaneous staining of several stacks with different staining protocols. The instrument's display allows us to visualize the staining processes. It is ideal for staining with Hematoxylin and Eosin (H & E), Papanicolaou (PAP), as well as other user-defined stains or protocols. The user can load the baskets randomly, which maximizes efficiency and productivity.

Reference: EVA-SS30



MICROTOMY ACCESSORIES



CTS 500 CASSETTES TRIMMING SYSTEM

After the formation of the block with the sample and the cassette, it's necessary to remove the excess paraffin from the outside edges of the embedding cassette. Usually this is done manually using a sharp object (knife, scalpel, etc.).



It avoids the risk of getting oneself cut, and simplifies this tedious process. Sliding the edge of the cassettes through the grooves of the heated surface, the excess of paraffin flows directly through the specific drain channel towards the waste tray, which can be removed and placed on the heated surface, thus the paraffin will melt, and can be reused if desired.

The working temperature is reached in 20 seconds

Technical data:

- Dimensions: (W/D/H): 130 x 185 x 91.5 mm
- Temperature: up to + 80°C

Reference: 500500

pfm 1100 HEATING PLATE



The pfm 1100 heating plate has an innovative design for stretching and drying of paraffin sections in the histotechnology laboratory. It can be used in routine histological practice, as well as in research and in industry. Programmable touch screen.

- ▶ External dimensions (W/D/H): 180 x 386 x 80 mm
- ▶ Heating plate dimensions (W/D): 170 x 300 mm
- ▶ Temperature range: From room temperature to +60°C

Reference: 041000



BLOCKS REFRIGERATING SYSTEMS

4100 REFRIGERATING UNIT



For quick and easy cooling of paraffin blocks during tissue processing and the cutting.

- Housing: Stainless steel
- Cooling surface: anodized aluminum easy to clean
- Working surface with condensate drain channel
- Data visualization in a user-friendly touch screen.
- Temperature range: -10°C to 10°C
- Cooling surface capacity: 60 blocks approx.
- Overall dimensions: (W / D / H): 400 x 510 x 275 mm
- Optional: programmable time switch, Plexiglas cover

Reference: 501003

MCS 400 MOBILE REFRIGERATING SYSTEM



The MCS 400 Mobile Refrigeration System is a perfect complement to the microtome in the histological laboratory. It keeps the sample blocks below room temperature long enough for allowing the microtome cuts, thereby alleviating the need for cooling by other means, for example, ice cubes, or much more expensive systems. The surface of the MCS 400 Mobile Refrigeration System can be cooled to -20°C. and will keep cold for an hour or so to maintain the sample at the correct temperature while cutting.

It can accommodate from 20 to 25 embedding cassettes arranged in the anodized surface.

- Material: anodized aluminum
- No additional power consumption
- Capacity: 20 to 25 paraffin blocks
- Minimum temperature: -20°C
- Dimensions (W / D / H): 220 x 220 x 25 mm
- Storage on surface: 195 x 195 mm
- Weight: 1400 g

Reference: 400400

WATERBATH 1000 HISTOLOGY BATH WITH ILLUMINATION



The new and modern development of the pfm Waterbath 1000 facilitates the stretching of paraffin sections made in routine histology laboratories, research and industry.

Features:

- Housing: anodized aluminum
- Water tank: black anodized aluminum
- LCD screen
- Fast and precise adjustment of the water temperature
- Security device to avoid overheating damage, even for lack of water with level control.
- Power supply protected from water
- Tank capacity: 1.6 L
- Heated rim (width): 50 mm
- Triple illumination

OPTIONAL: Anodized aluminum cover with isolated handle

Reference: 041000



WB-693 HISTOLOGY BATH



Thermostatic bath specially designed for the perfect stretching and drying of tissue sections in Histology and Pathology laboratories. The black surface of the container allows a good observation of the section, and the wide thermal edge allows an excellent drying of the preparation. Temperature regulation from 30° to 80°C, controlled by a thermostat and a thermal fuse.

White enameled aluminum housing and black matte anodized aluminum bucket.

Bucket capacity: 1,2 L (1,5 L max.)

External dimensions: 300 × 97 mm

Interior dimensions: 200 × 50 mm

Includes thermometer for temperature control of the bucket.

Reference: TSP-6-7010

SLEDGE OR SLIDING MICROTOMES

Bright

BRIGHT 8000 DOUBLE SLEDGE ON BASE MICROTOME



Double base sledge sliding microtome with 60 μ retracting system for sectioning hard objects and large surfaces. Automatic section thickness range selectable from 1 to 40 μ , adjustable in 1 μ increments.

Consists of:

Solid base with dual guide for sliding the slides holder trolley. Slides holder trolley. Standard gripper clamp. Control for the vertical displacement and trimming of the object. Microns selector command. Slip and sectioning handle.

Blade holder easel with double clamping bolt, handheld and adjustable cutting angle system.

TECHNICAL SPECIFICATIONS

Sample coarse feed: From 0 to 40 μ in 1 μ increments

Retraction: 60 μ

Maximum size of the object: 170 x 250 mm

Dimensions: Length 61cm, Height 32,5, Width 26cm

Weight: 25 Kilograms

pfmmedical

Quality and Experience

pfm2003 SLIDING MICROTOME



Cut by sliding microtome.

Maintenance free system of crossed horizontal and vertical bearings.

Microns selection: from 0 μ m to 10 μ m in increments of 0,5 μ m, from 10 μ m to 40 μ m in increments of 5 μ m.

Fine adjustment of the X and Y axis orientation

Integrated tray for discarded sections.

Slide quick change system.

Object displacement: 350 microns.

Vertical displacement of the object: 48 mm

Horizontal displacement of the blade: 180 mm

Dimensions: width 320 mm, height 270 mm, depth 420 mm

Weight: 20 kg

pfmmedical

Quality and Experience

pfm4003E MOTORIZED SLIDING MICROTOME



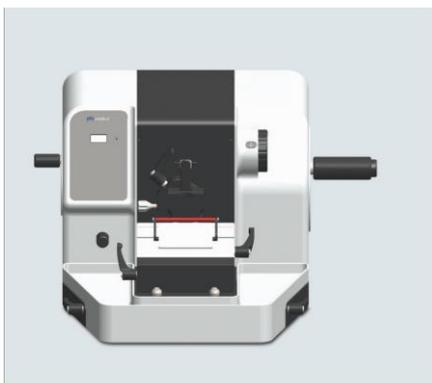
Cutting window: automatic by motorized sliding action with step motor
 Sliding movement: Manual and Automatic
 Fine adjustment of the x-y axis orientation.
 Integrated tray for discarded cuttings.
 Rapid system for changing slides.
 Microns selection: from 0 µm to 100 µm
 Cuttings counter display.
 Object coarse: 0-50 µm.
 Memory function.
 Vertical range of the object: 30 mm
 Horizontal range of the blade: 180 mm
 Dimensions: width 320 mm, height 270 mm, depth 420 mm
 Weight: 21 kg

ROTATION MICROTOMES

pfmmedical

Quality and Experience

pfm Rotary 3004M MICROTOME



- Ergonomic design
- Backlash- and maintenance-free horizontal and vertical cross-roller bearing system
- Soft sliding hand wheel
- Hand wheel lock in any position
- Quick change system for platen carrier clamp
- Easy orientation of the sample
- Retraction system
- Trimming device
- Cuttings counter
- Fingers protector
- Waste tray
- Anodized surface, easy to clean

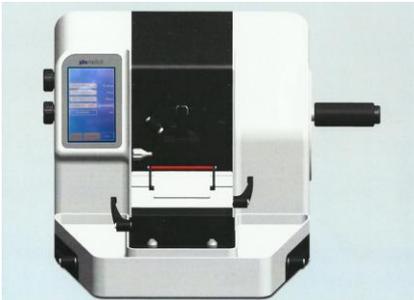
▶ **Coarse feed:** manual by crank
 ▶ **Cut:** manual by handwheel
 ▶ **Cuttings thickness:** 0,5 - 60 µm
 From 0,5 to 10 µm in increments of 0,5 µm
 From 10 to 20 µm in increments of 1 µm
 From 20 to 60 µm in increments of 5 µm

▶ **Sample orientation:** 10° X / Y / Z
 ▶ **Coarse:** 40 µm
 ▶ **Trimming Device:** Two positions 10 and 20 µm
 ▶ **Dimensions (W / D / H):** 450 x 530 x 275 mm
 ▶ **Horizontal Range:** 30 mm
 ▶ **Vertical Range:** 70 mm
 ▶ **Weight:** 38 kg

pfmmedical

Quality and Experience

Rotary 3005E MICROTOME WITH MOTORIZED FORWARD / REVERSE



- Cuttings counter
- Fingers protector

- Ergonomic design
- Backlash- and maintenance-free horizontal and vertical cross- roller bearing system
- Soft sliding hand wheel
- Hand wheel lock in any position
- Quick change system for platen carrier clamp
- Easy and accurate orientation of the sample
- Electronic configuration and functions via touch screen
- Retraction system with deactivation
- Memory function
- Anodized surface, easy to clean

<ul style="list-style-type: none"> ▶ Coarse feed: electronic ▶ Cut: manual by hand wheel ▶ Cuttings thickness: 0,5 - 100 µm ▶ Adjustment range: From 0,5 to 10 µm in increments of 0,5 µm From 10 to 20 µm in increments of 1 µm From 20 to 50 µm in increments of 5 µm From 50 to 100 µm in increments of 10 µm 	<ul style="list-style-type: none"> ▶ Sample orientation: 10° X / Y / Z ▶ Coarse: 0 - 100 µm in increments of 5 µm ▶ Indicator of 1mm advancement availability: Visual and audible ▶ Trimming mode: 1 - 100 µm in increments of 1 µm ▶ Horizontal range: 30 mm ▶ Vertical range: 70 mm ▶ Dimensions (W/D/H): 450 x 530 x 275 mm ▶ Weight: 38 kg
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pfmmedical

Quality and Experience

Rotary 3006 EM MOTORIZED MICROTOME



- Fingers protector
- Sectioning action pedal
- Anodized surface, easy to clean

- Ergonomic design
- Backlash- and maintenance-free horizontal and vertical cross-roller bearing system
- Soft sliding hand wheel with removable handle
- Hand wheel lock in any position
- Quick change system for platen carrier clamp
- Easy and accurate orientation of the sample
- Electronic configuration and functions via touch screen
- Retraction system with deactivation
- Memory function
- Cuttings counter
- Cuttings thickness increment
- Cutting window

<ul style="list-style-type: none"> ▶ Coarse feed: electronic ▶ Cuttings mode: manual, continuous, section to section, and via touch screen ▶ Adjustment range: From 0,5 to 10 µm in increments of 0,5 µm From 10 to 20 µm in increments of 1 µm From 20 to 50 µm in increments of 5 µm From 50 to 100 µm in increments of 10 µm 	<ul style="list-style-type: none"> ▶ Sample orientation: 10° X / Y / Z ▶ Coarse: 0 - 100 µm in increments of 5 µm ▶ Indicator of 1mm advancement availability: Visual and audible ▶ Trimming mode: 1 - 100 µm in increments of 1 µm ▶ Horizontal range: 30 mm ▶ Vertical range: 70 mm ▶ Dimensions (W/D/H): 450 x 530 x 275 mm ▶ Weight: 38 kg
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BENCH-TOP, CONSOLE AND LARGE SURFACES CRYOSTATS

Bright

STARLET BENCH-TOP CRYOSTAT



Stylish aspect, durable and easy to clean, the **Starlet** cryostat is made of steel coated with an ABS polymer, resistant to scratches, laboratory solvents and detergents. The compact camera is made of stainless steel, equipped with fast sample freezer and removable storage tray. Easy to clean and resistant to the most common decontamination agents. Being relatively small, the **Starlet** ensures a short time temperature drop to -30°C in the chamber, and -40°C in the sample quick freezer. While not in use, an insulating cover ensures the efficient operation of the cooling system, while providing reduced icing. If the equipment is moved, the camera will stay cold for a long period of time.

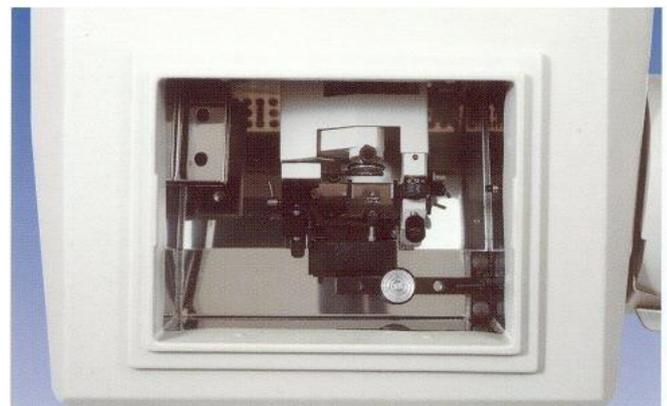
Bench-top cryostat with programmable freezing chamber up to -30°C , and ultra fast freezing device up to -40°C . Automatic defrost and LCD screens for digital temperature readings. Microtome for a thickness of 2 to 12μ cut adjustable in increments of 2μ . Cuts and feed by rotation of the outer wheel. Faster trimming by hand wheel.

Platen carrier clamp. 3 circular platens of $\varnothing 22$ mm.

Working chamber upper opening of 225×165 mm. with removable lid.

MAGNACUT magnetic holder with two disposable blades. Adjustable sections-stretching plate..

- ❑ Temperature control by thermostat from room temperature to -30° with digital display and automatic defrost with full programming.
- ❑ Choice of sectioning wheel or sectioning lever
- ❑ It uses disposable blades, and incorporates the stretching section plate of easy placement.
- ❑ It makes excellent cuttings as a conventional cryostat
- ❑ Small, low cost and portable, plus a 12V DC version enables it to work in the "field".
- ❑ "Magnaplate" sections stretching system



Dimensions: 740mm depth, 545mm width and 315mm height

Weight: 40kg

Bright

BRIGHT CLINICUT 60 CRYOSTAT



The **Clinicut 60** is an "open top" cryostat made of corrosion resistant steel, coated with a layer of a polymer resistant to scratches, solvents, and laboratory detergents. The chamber is made of a high degree polished stainless steel.

Compressor: 1 x 15 c.c.
Coolant: HFC Coolant.
Freezing power: 150 W. a -35°C.
Temperature range: From room temperature to -35°C with automatic programmable defrosting. Rapid freezing of the sample with constant temperature between -44°C and -53°C.

Microtome
Section displacement: 57 mm.
Maximum size of sample: 25 mm.
Total coarse displacement: 24 mm.
Blade holder: accurate adjustment of the section angle from 0° to 25°
Sample carrying platen: 25 mm. Ø
Sample orientation: 360° swivel
Cutting thickness: from 2 to 30µ in increments of 2µ
Dimensions: 135 height, 690 depth, 675 cm width
Weight: 125 Kg

Bright

BRIGHT 7500 CRYOSTAT



- Cryostat with semiautomatic liquid spray decontamination system with 3,5 hours program.
- Motorized automatic closing window.
- Flat radial sectioning, retraction radial microtome with external controllers, and audible warning for cutting limits and orientation of the sample.
- Motorized forward and reverse, with manual control of the section.
- Thickness of the section ranging from 1 to 35 microns, by one micron increments.
- Minimum temperature of the cryo chamber: -35°C.
- Digital screen for temperature control.
- Removable blade holder that can be sterilized in autoclave
- Rapid freezing of embedding molds to -55°C.
- Digital electronic control for cuttings thickness by memories.
- Interior fluorescent light.
- Magnacut disposable blades system.

Bright

OTF 5000 CRYOSTAT

Cryochamber: Quick freezer	Polish Stainless Steel 9 positions, works 10°C under the chamber temperature, an ultra low temperature -80°C version can be assembled in the factory with an additional charge.
Minimum chamber temperature:	With compressor -35°C.
Chamber temperature control:	Microprocessor with screen
Evaporation Defrosting:	Automatic analog clock
Cutting System:	Manual with counterweight wheel
Microtome:	5040 rotation Microtome
Section Range:	1.5 µm to 30 µm in increments of 0.5 µ
Maximum advance of the sample:	5.6 mm.
Movable blade carrier:	44mm (Coarse handle).
Blade angle adjustment:	25°
Window:	Thermal.
Window defogging:	Automatic fan.
Defrosting clock:	Analog with security battery.
Normal working height:	990mm
Low working height:	890mm



Configurations

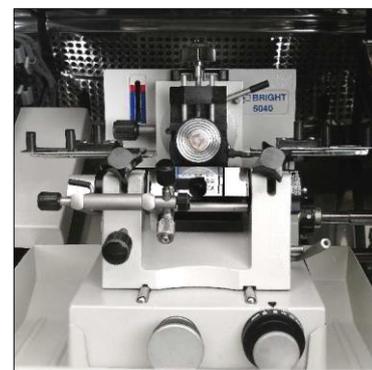
El The OTF 5000 Cryostat is available in three configurations.

The Basic Instrument which includes; Fast Freezer, Interior shelves, Defrosting with evaporator, Manual cutting system, 5040 microtome with fixed head, Thermal window, Defrosting analog clock, Side panel with not -mediate use controls, and a full set of accessories.

LS Specifications, which includes all the Basic Instrument features, and additionally 2-speed motorized forward/reverse, precise orientation of the object, and Cryomatic (temperature control of the sample).

HS Specifications, which includes all the LS features, and additionally 6-digit cuttings counter, Dual Refrigeration and Motorization of the cut.

Criostato OTF 5000 está disponible en tres configuraciones:



Bright

BRIGHT 8250 LARGE SURFACES CRYOSTAT

The most common application is the Whole Body Autoradiography (WBA), which is used to trace radio-labeled drugs or other compounds in the frozen bodies of laboratory animals. There are many other uses of this general cryostat, including the fields of anatomy and training. Outside the biological field, also for scientific and industrial use to cut objects as diverse as electrical insulation, timber and automobile plastic chassis joints



- Incorporates the 8000 sledge microtome with electro-linear drive
- Section samples up to 250mm long
- Dual refrigeration system to give a faster cool-down
- Used for autoradiography
- Automatic sectioning sequence
- Electro-linear drive produces stronger sections

Bright

BRIGHT 9000 LARGE SURFACES CRYOSTAT

The 9400 cryostat is the largest cryostat in our range, although its uses are similar for those mentioned for the 8250, the standard features for this machine are more complete.



- Incorporates the 9000 microtome
- Section samples up to 400mm long
- "Electronic eye" safety features
- Used for autoradiography
- Optional blade retraction
- Quick release sample holder
- Electro-mechanical interlocked system
- Electro-motor of linear drive

It is well known that there is a risk to health in autopsy rooms because of the permanent contact with blood and other pathogen fluids.

To tackle the issue, De Soutter Medical has launched a revolutionary oscillating saw system designed specifically for obtaining clean cuts, safe and with minimal risk during autopsies. The saw is completely waterproof and is complemented by a maximum security extractor.



CLEAN CUT CNS3A AUTOPSY SAW WITH EXTRACTION

The saw is waterproof and can be fully immersed for cleaning and disinfection. Electrical connection cable of 4 m.

The control module is easily cleaned and decontaminated, and allows to vary the oscillation speed for an optimum cutting.

The extraction system is connected and disconnected by the single button on the saw. The 2m exhaust pipe is smooth in its inner surface for easy cleaning and disinfection.

FIVE FILTRATION LEVELS

Level 1 filter. A paper bag with an internal disposable rubber, it closes and retains the waste when removed from the extractor.

Level 2 filter. An outer cloth bag with zipper, retains the waste if the inner paper bag fails. If you want to retrieve the bag, it can be washed and disinfected.

Level 3 and 4 filter. Two fabric filters protect the micro filter in case of splash, or paper and bag incorrectly placed. They can be rinsed and immersed in disinfectant if necessary.

Level 5 filter. Inside the handlebar of the extraction unit, the micro filter retains particles

greater than 0.5µ.

REFERENCE: 04CNS3240



CLEAN CUT NS3A/T AUTOPSY SAW

The same saw without extraction. The saw has an extension shaft for easy access to difficult areas, it's waterproof and it can be fully immersed for cleaning and disinfection. Electrical connection cable of 4 m.

The control module is easily cleaned and decontaminated, and allows to vary the oscillation speed an optimum cutting

Oscillation frequency:	0-14000
Voltage:	40 V. d. c.
Motor power:	100 W
Weight:	1,15 Kg
Capacity of waste bag:	7,5
Extractor unit motor:	1.000 W
Filtration:	99.997%>0.5 mm

REFERENCE:04NS3240/T



SECURITY STORAGE CABINETS

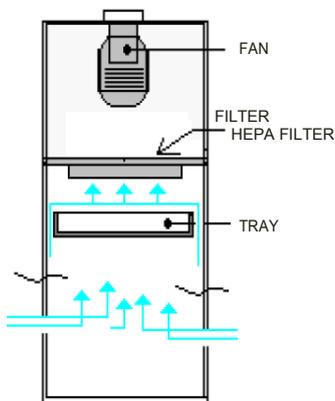


STORAGE CABINET WITH VENTILATION AND FILTRATION FOR HISTOLOGY SAMPLES STORED IN PACKAGES WITH FORMALDEHYDE

Safety cabinet with ventilation designed to store tissue samples in formaldehyde or chemical products (acids and bases) depending on the type of filter installed.

FEATURES

- Structure, doors and shelves in galvanized steel of thickness 12/10, antiacid Epoxy paint coated in gray color (RAL 7035).
- Double 6/7mm tempered glass door to prevent accidents, equipped with lock and 180° opening to facilitate the removal of the trays. Hazard symbols in yellow as regulation.
- Three removable and height adjustable shelves, tray molded for fluid retention in case of accidental spillage. Capacity 50Kg.
- A bottom tray in stainless steel AISI 304 of thickness 12/10, for containment of accidental liquid spills.
- Four adjustable antistatic and nonskid feet allow a perfect adjustment of its horizontal position.



Ventilation and filtration system



Activated aluminium and potassium permanganate filter

MAIN FUNCTIONS

- Start switch
- Emergency switch
- Ventilation system start / stop switch
- Switch for germicidal U.V. lamp (only with option 19-AC15/UV)
- Suction speed control
- Visual bright LED alarm and audible filter saturation alarm
- Acoustic alarm for open door
- Acoustic alarm for muted keys
- Key for parameters of work change
- Automatic start and stop programming
- Filter change scheduling
- Automatic start and stop programming of the U.V. lamp (only with option 19- AC15/UV)

VENTILATION / FILTRATION SYSTEM

Anti-spark electric fan of adjustable speed. IP 55 protection. 60mm H₂O.

- **Activated aluminium** 19FT200AL and **potassium permanganate** formalin filter, or for solvents 19FT250CC (optionally supplied)
- The cabinet is provided with a connection of Ø 120 mm at the top to allow connection to the hospital centralized pipeline system.

The fan at the top allows the aspiration of gases from the interior. The air is purified by the filter located below the fan

Modelo FC 1200, Ext.dimensions(Width x Depth x Height):1200x550x1900mm.

Modelo FC 1000, Ext.dimensions(Width x Depth x Height):1000x550x1900mm.

Modelo FC 700, Ext.dimensions(Width x Depth x Height):700x550x1900 mm.



SAFETY STORAGE CABINETS

VENTILATED LOCKERS FOR SURGICAL STAINLESS STEEL PARTS

Cabinet entirely made of stainless steel, with ventilation system for formaldehyde vapors, to store pieces in their histological polystyrene containers.



- 6 shelves, 4 of which are adjustable in height
- Divided in two areas upper and lower, with independent ventilation in each area towards the side vent panel.
- The gases produced by the formol are extracted by the side panel (on the left or on the right as required) outward, favoring clean air inside the cabinet. Upper or external extractor as required.
- 4 sliding laminated glass safety doors (3 +3). Because its transparent glass it makes easier to find the sample before opening. When opened, the typical formation of air currents in the case of swinging doors is prevented. They also facilitate maneuverability in tight spaces.
- Ability to attach cabinets

Illustration: Two attached cabinets with central panel ventilation

Specifications:

Dimensions:

Different Widths: 1.000 mm, 1.300 mm, or 1.500 mm (including side panel vent of 100 mm)
Height: 2.000 mm
Depth: 500 mm or 600 mm

Material: Stainless steel (DIN 1.4301), 320 grit fine grinding



SECURITY STORAGE CABINETS

FOLDING DOORS CABINET



Fire protection according to UNE-EN 14470-1 (Type 90).

Operation:

Soft closing doors with air cushion. Low-effort demand: the doors open and lock with one hand. The mechanical closure elements are outside of the storage area. The corrosion is avoided and the main components are protected. Folding doors. Greater space saving. Opening to 90°. Vertical profile at the hinge, maximum protection against entrapment.

Lock:

Includes lock with key. They can be adapted to the building master key. Locking system (standard).

Thermal fuse built into the deadlocks system acting between 40 and 50°C.

Trays:

Adjustable height at 32 mm. With bracket against overturning. Easily-removable retention bucket. With lip seals on three of its sides to collect spills.

Practicable drawers:

High storage capacity. Total accessibility and easy handling.

Supporting feet:

Integrated into the closet's floor. Adjustable from the inside. They level the cabinet without additional mounting hardware.

Accessories:

Ventilation system with UFA.20.30 filter. Protected pipe sleeves for wires or tubes. Protectors for trays in PE and PP. Chemical products box. Inside locked chest to control the access to special products.

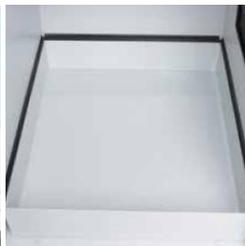
Model VBFT196.120, cabinet width 1200 mm with practicable drawers or fixed trays, and deadlocks system.



Ventilation system with UFA.20.30 filter



Airway



Spills retention bucket



Supporting feet

We have more models and measures besides the ones displayed in this catalogue.

