

micros  
*Austria*

microtom blades specialist

European wholesaler

Product Catalogue with Prices

# HISTOLOGY EQUIPMENT



## Conditions

**Prices:**

MSRP (manufacturers suggested retail price), ex works St.Veit/Glan  
No dealer discount applied!

**Transport:**

costs will be charged additionally

**Delivery:**

duty unpaid

**Delivery term:**

approx. 2 - 4 weeks (depending on date of order receipt, model and quantity)

**Warranty:**

12 months on microtomes and histopathology instruments

**Payment:**

Prepayment or irrevocable, confirmed L/C.

All L/C costs, including these of MICROS, as well as possible legalization fees,  
to be fully paid by the customer.

**Bank details:**

Our account at „BANK AUSTRIA“ A-1010 Vienna,

EUR Account:

Account No. 0327 0046 0000, Bank Routing Code 11000

SWIFT Code: BKAUATWW

IBAN: AT21 1100 0032 7004 6000

USD Account:

Account No. 0327 0046 0005, Bank Routing Code 11000

SWIFT Code: BKAUATWW

IBAN: AT07 1200 0032 7004 6005

**Validity:**

Effective from January 1<sup>st</sup> 2018 - June 30<sup>rd</sup> 2018

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**M I C R O S - General Terms and Conditions – M I C R O S**  
of company MICROS Produktions- und Handelsges.m.b.H.,  
9300 St.Veit/Glan /AUSTRIA, Gewerbezone 5 - Hunnenbrunn

**1. Preface**

Company MICROS Produktions- und HandelsgmbH performs her services based solely on her general terms and conditions. All offers are subject to change. Company MICROS Produktions- und HandelsgmbH reserves the right to refrain from delivery in case of unavailability of the goods.

**2. Conclusion of a contract**

A customer's offer to enter a contract requires an order confirmation from MICROS. The sending of the goods ordered by the customer also brings about the conclusion of a contract. If we receive an offer, the tenderer is bound to this offer for an adequate period of time, at least however for 14 days from receipt of the offer.

**3. Price**

All our prices are calculated **excluding VAT**, unless otherwise expressly mentioned.

**4. Reservation of title**

All our goods are delivered subject to reservation of title and remain our property until receipt of complete payment.

**5. Payment terms**

Failing an agreement to the contrary, our claims are subject to matching payment with physical delivery by way of bank transfer. Trade discounts require a separate agreement. In case of delay of payment or part payment, any agreements about discounts become invalid. Payments are considered settled only after arriving in our business account.

In case of delay of payment we are entitled to demand either the compensation of the actually incurred damage or default interest according to the legal rate.

**6. Shipping costs**

Shipping costs have to be paid by the buyer. In case of reshipment due to wrong delivery, a customer complaint or cancellation company MICROS Produktions- und HandelsgmbH bears the shipping costs. This applies also to guarantee performances.

**7. Buyer's obligation to cooperate**

Directly after receipt of goods the buyer is bound to check for transport damage or other visible, easily detectable damage. Transport damage must immediately be complained about to the freight forwarder concerned. Any damage has to be reported to company MICROS Produktions- und HandelsgmbH within 14 days after delivery. If the buyer fails to do so, company MICROS Produktions- und HandelsgmbH is not obligated to repair any damage free of charge.

**8. Right of withdrawal**

Commercial customers have no right of withdrawal. Private customers are allowed to cancel the order within 14 days of receipt of the goods. In this case the customer has to pay shipping costs for the reshipment if the total value of the order does not exceed Euro 100, unless the delivered goods do not correspond with the ordered goods. Cancellation is only possible on the condition that the goods are still unused and in original packing. If alterations have been made or traces of usage are discernible or if the goods are in bad repair, company MICROS Produktions- und HandelsgmbH has the right to decline cancellation.

**9. Cancellation of a contract**

In case of default of acceptance or other relevant reasons like bankruptcy or insolvency of the customer, as well as delay in payment, we have the right to cancel the contract provided that it has not been fulfilled completely by both parties. In case of cancellation due to customer's fault we are entitled to either a fixed compensation of 15% of the net invoice amount or to demand compensation of the actually incurred damage. In case of delay of payment we are absolved from further performance and delivery obligations.

**10. Period of delivery**

We are bound to perform our services only when the customer has fulfilled his obligations which are necessary for execution. We are entitled to exceed agreed upon dates and delivery times up to 1 week.

**11. Product liability**

Claims for compensation in terms of § 12 Product Liability Act are excluded, unless the person seeking recourse can prove that the fault lies with us and was caused due to gross negligence.

**12. Warranty**

Warranty Duration:

MICROS provides a 3 years warranty on microscopes and microtomes against defects in material and / or workmanship on the instrument from the date of original purchase to the original purchaser. Warranty of MICROS products extends to the original purchaser of the product and is not transferable. The warranty on electronic parts is 1 year. The warranty on histopathology instruments lasts 1 year.

Proof of identity: All defective products sent in for replacement must include a copy of the original purchase invoice / receipt. Product not including invoice / receipt will be returned to the customer at customer's expense.

Warranty Coverage:

MICROS will repair or replace, at its option, any instrument which under normal conditions of use and service proves to be defective in material or workmanship. No charge will be made for labour or parts with respect to defects covered by this warranty, provided that the work is done by MICROS. This warranty does not cover expenses incurred in the removal or reinstallation of any instrument or instruments, whether or not proven defective. Replacement or repairs furnished under this warranty are subject to the same terms and conditions of the original warranty.

Exceptions:

Specifically excluded from this warranty are failures caused by abuse, neglect, misuse, improper operation, normal wear, accident, improper maintenance or modification. This warranty does not cover repair or replacement where normal use has exhausted the life of a part or instrument. All mechanical devices need periodic parts replacement and service to perform well. In no event shall MICROS be liable for incidental or consequential damages.

**13. Foreign shipment**

Goods that have been delivered to Non-EU-Countries (except for Switzerland) can not be returned, unless grave defects are ascertained on the goods. The customary import sales tax, custom duties and all other costs for importation have to be paid by the buyer.

**14. Place of execution and legal venue**

Place of execution and legal venue is Vienna/Austria. Austrian law is applicable, the parties therefore agree upon Austrian jurisdiction.



## MICROTOMES

### RAZOR & STEELY

#### Manual Rotary Microtomes

*The Razor manual microtome provides high quality features for efficient and precise workflow. The smooth running hand wheel with a safety lever ensures an ergonomic handling of the instrument. Section thickness can be adjusted between 0,5 µm and 60 µm and with the coarse driving wheel the distance between the blade and the specimen can be adjusted.*

#### Field of Application

Microtomes are used to cut thin slices of sections of animals, human, or plant tissue or industrial material before it can be observed under a light microscope.

To be used in medicine, biological and industrial field.

E.g. Pathology, Histology, Cytology, plant sectioning, plastic sections and metallurgical sections

#### Key Features

Section thickness 0,5 ~ 60 µm

One-thumb hand wheel locking



Model	Type	Knife Holder for	MSRP Price
RAZOR	Manual	Disposable Blades	9.382
RAZOR-E	Automatic	Disposable Blades	19.182

## TRIMMING KNIVES

for cutting tissue samples without causing deformations

Best for: Sectioning of large tissue blocks



### MS130

Angle: 22°  
Lenght: 130 mm  
Width: 18 mm



### MS260

Angle: 22°  
Lenght: 260 mm  
Width: 18 mm

Art.No.	Description	Blades/Disp.	Angle	MSPR
109220	MS130	50	22°	80,00
109220TEST	MS130	5	22°	10,00
109221	MS260	50	22°	124,00
109221TEST	MS260	5	22°	15,50

## HANDLES



Art.No.	Description	MSPR
109222	Handle 130mm	103
109223	Handle 260mm	106
109224	Handle 800for disposable blade	100

coming soon!

## DISPOSABLE BLADES

With our blades we keep pursuing premium quality of disposable blades for microtomes with an outstanding price/performance ratio. We ensure more sharpness & durability for highest sectioning precision for a long time. Our disposable blades are manufactured with technical expertise such as sophisticated heating process, excellent polishing and coating techniques to achieve an outstanding cutting performance.



### MS200

Universal blade for daily routine, suitable for all types of tissue. Especially suitable for ribbon sectioning, excellent sharpness, even with very thin cuts. Allrounder with unique hardened blade cutting edge, excellent durability.



### MS300

MS300 special blade, plasma-coated. With unprecedented sharpness, effortlessly cuts bone tissue! Also very suitable for serial sections in biopsies and for thin sections. Persistent and durable.



### MS33

Blade for applications where extremely thin, high-quality sections are required. Suitable also for skin biopsy. Short trimming time and increased durability.



### MS24

Suitable for hard tissue, but also for soft tissue and biopsies. Excellent long life and sharpness, very suitable for ribbon sectioning.



### HIGH PROFILE

Excellent references for cryostat and ribbon sectioning. Special hardened blade, short trimming time, excellent durability.



### MS100

Robust universal blade designed for daily routine, with excellent sharpness and durability. All-purpose, even for difficult tissue. Teflon coated, giving this blade an excellent durability.

Art.No.	Profile	Description	Blades/Disp.	Angle	MSRP
1092011	Low Profile	MS200	50	35°	74,50
109211TEST	Low Profile	MS200	5	35°	7,00
109207	Low Profile	MS24	50	35°	70,40
109207TEST	Low Profile	MS24	5	35°	6,00
109206	Low Profile	MS33	50	30°	70,40
109206TEST	Low Profile	MS33	5	30°	6,00
109210	Low Profile	MS100	50	35°	74,50
109210TEST	Low Profile	MS100	5	35°	7,00
109212	Low Profile	MS300	50	35°	74,50
109212TEST	Low Profile	MS300	5	35°	7,00
109209	High Profile	HP High Profile	50	35°	74,50
109209TEST	High Profile	HP High Profile	5	35°	7,00

## STRETCHING & DRYING

### ISLAND - All in one water bath and slide dryer

*ISLAND is essential equipment after creating microtome sections. It offers a program control system which makes operation easier and more reliable. With its stable performance, small volume and light-weight, it is integrated perfectly in every workflow also in laboratories with tight spaces.*



#### FIELD OF APPLICATION

Our ISLAND is ideally used for flattening, stretching and drying paraffin embedded sections.

This equipment is mainly used in hospitals, medical laboratories, scientific research institutes, histological laboratories (production of histological sections and slides for pathological investigations and analysis).

#### KEY FEATURES

- All-In-One, flattening, stretching, drying
- Microprocessor temperature control
- Ergonomic slim design
- Compact structure
- Stable performance

### DESERT Slide Dryer

*Desert slide dryer is designed to dry the sections on the slides. Temperatures can be set between ambient and 99°C. The anodized black surface of the "Stacking Tiles" style hotplate provides high contrast with the samples. It also offers a large capacity (maximum of 44 slides at one time) for drying slides.*



#### FIELD OF APPLICATION

Our DESERT is ideally used for drying paraffin embedded sections.

This equipment is mainly used in hospitals, medical laboratories, scientific research institutes, histological laboratories (production of histological sections and slides for pathological investigations and analysis).

#### KEY FEATURES

- Special "stacking tiles" design
- Microprocessor temperature control
- Large capacity of slides
- Ergonomic slim design
- Stable performance

Model	Type	MSRP Price
Island	Stretch & Dry	2.200
Desert	Dry	1.980





## WAX TRIMMER COASTLINE

*Coastline – Wax Trimmer is specially designed for histology laboratories to remove excess paraffin from tissue cassettes after embedding. Simply slide with the tissue cassette across the heated surface and the excess wax is shaved away and collected in a waste wax collection box. The wax trimmer eliminates the risk of injuries by cutting into the fingers, because it is no need to remove the excess wax with a knife.*

### KEY FEATURES

- Pre-heating time 5 - 8 min.
- Capacity of wax collection box: 300 ml



Model	Type	MSRP Price
Coastline	Wax Trimmer	1.400



## WATER BATH OASIS

*for stretching paraffin embedded sections. The black surface offers best contrast in identifying sections.*

### KEY FEATURES

- Capacity 2,3 l
- Temperature from room temperature to 75°
- Outside Size: Ø 270mm x 210 mm (H), Interior Size; Ø 210 mm x 65 mm

Model	Type	MSRP Price
Oasis	Water Bath	646



## WATER BATH SEAFIRE

*Is ideal for applications where a constant, uniform temperature is important. It combines reliability and durability with best price performance ratio for your laboratory use. Easy to operate, prompt precise heating, best energy saving thermal conduction performance.*

### KEY FEATURES

- detachable glass pan for easy cleaning
- preset time and automatic shut-off - Temperature range 0-
- Temperature tolerance +1C
- Dimension glass pan 350x220x45mm
- Dimension overall 410x510x150mm

Model	Type	MSRP Price
SEAFIRE	Water Bath with underfloor illumination	2.300

## COOLING PLATE



*Allows quick and simple cooling of paraffin blocks.*

*Cold plate is designed with a micro-processor temperatur control, with temperature range between -2°C and -15°C.*

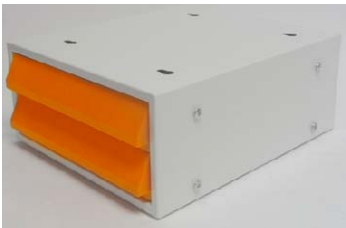
*A large working surface and suitable temperture setting area avoids that paraffin blocks cracks. The plate is sink surrounded which makes sure that working area is cleaned during use. Easy to clean because of ergonomical and clear structured design.*

### KEY FEATURES

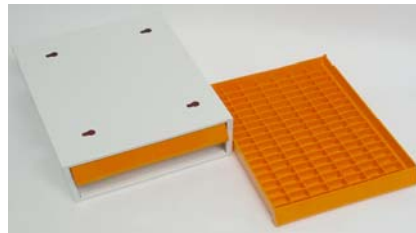
- Size: 535 x 330 x 358 mm
- Weight: 20kg, Power: 170W
- Time to reach working temperature less than 15 min.
- Space for 48 pcs. of cassettes

Model	Type	MSRP Price
120110	Cooling Plate	3.400

## SCIENTIFIC DEVICE



Storage Cabinet



### Storage Cabinet

Archival storage cabinet. 2 drawers for each 126 pcs. paraffin blocks. Cabinets can be stacked on each other.

Dimmensions: 299 x 25 x 110 mm



Biopsy Sponges



### Biopsy Sponges

these pads makes mounting specimen easier fits in most cassettes, size: 25.4 x 31,5 mm



### Slide Boxes

SMALL: handy box with capacity for 25 slides, numbered inlay

BIG: capacity for 100 slides

Slide Box, small



Slide box, big



Carton Slide Map

### Slide Map

heavy cardboard album with thumb grooves for easy slide removal, capacity for 20 slides

Model	Type	MSRP Price
120970	Storage Cabinet	79
120960	Biopsy Sponges, 1.000 pcs. Packing unit: 5 bags	15 price/bag
900861	Box for 25 slides	9 price/box
900862	Box for 100 slides	14
900863	Map for 20 slides	9

Art.No.	Description	M S R P €Price / Unit
<b>"RAZOR" Rotary MICROTOME</b> <b>with Disposable Blades</b> <b>for paraffin sections for routine and research</b>		
100040	MICROTOME BASE RAZOR Micro and coarse advance movements in enclosed housing. Coarse advance left side. Optimum specimen guidance by maintenance-free cross roller guides. Safety lock on hand wheel. Section thickness adjustment from 0.5 µm to 60 µm in defined steps. Precise guide way and clamping device for knifeholder with optimum sliding capability and prism guide. Vertical stroke: 70 mm Max. horizontal stroke: 40 mm Length 460 x height 280 mm x width 460 mm Weight 36 kg without accessories	6.600
102000	Knife Holder Base Accepts various knife holders	599
122001	Disposable Blade Holder Basic Unit 2511A Quick-release clamping system for clamping low profile blades. Adjustable tilt. Moveable knife guard. To be used on article no. 102000	686
102212	Changeable clamping plate 2511A to be inserted in art. no. 102201, to be used for low profile	530
103000	Adapter Piece (fixed) For fixed object clamp	92
103400	Universal Cassette Clamp Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.	491
105100	Wooden Transport Box Absolutely necessary for safe shipping of microtome.	310
109211	MS200 MICROS Universal Microtome Blades for daily routine, suitable for all types of tissue. Especially suitable for ribbon sectioning, excellent sharpness, even with very thin cuts. Allrounder with unique hardened blade cutting edge, excellent durability - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm 1 Box contains 50 pcs. Blades.	75
<b>Price for SET as described above</b>		<b>9.382</b>

**Price for complete SET, ex works St.Veit/Glan**  
**For larger quantity, please ask for our best price offer**  
**Gross weight: 55 kg, Measurements: 50 x 55 x 60 cm**

Art.No.	Description	M S R P €Price / Unit
<p><b>"RAZOR-E" Automatic Rotary MICROTOME</b>  <b>with Disposable Blades</b>  <b>for paraffin sections for routine and research</b></p>		
100060	<p>MICROTOME BASE</p> <p>offers great user benefit and gives superior comfort to the operator. The perfectly ergonomic arrangements of the control elements enable an effortless handling of the microtome. Section thickness can be adjusted between 0.5 µm - 60 µm and the automatic trimming in 3 steps: 1:10 µm, 2:20 µm, 3:30 µm. The powerful cutting motor drive with safety function ensures high section stability and precision. Hand wheel lock conveniently integrated locking lever on the hand wheel.</p> <p>Emergency shut down button            With the emergency shut down button the slicing process can be stopped immediately.            Specimen retraction function: On upward movement 80 µm</p> <p>► Technical Specifications            Section thickness range: 0.5~60 µm            Section thickness setting            0.5 µm – 2 µm, 0.5 µm increments            2 µm – 10 µm, 1 µm increments            10 µm – 20 µm, 2 µm increments            20 µm – 60 µm, 5 µm increment            Specimen vertical stroke: 70 mm            Specimen horizontally stroke: 40 mm            Coarse advance: manually by hand wheel left side            Object orientation: X- and Y-axes 8°, Z-axes 360°            Object retraction: On upward movement 80 µm            Cutting Count: Integrated, with LCD-display/4 numbers            Automatic trimming In 3 steps: 1:10 µm, 2:20 µm, 3:30 µm</p>	16.400
102000	<p>Knife Holder Base</p> <p>Accepts various knife holders</p>	599
122001	<p>Disposable Blade Holder Basic Unit 2511A</p> <p>Quick-release clamping system for clamping low profile blades. Adjustable tilt. Moveable knife guard.            To be used on article no. 102000</p>	686
102212	<p>Changeable clamping plate 2511A</p> <p>to be inserted in art. no. 102201, to be used for low profile</p>	530
103000	<p>Adapter Piece (fixed)</p> <p>For fixed object clamp</p>	92
103400	<p>Universal Cassette Clamp</p> <p>Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.</p>	491
105100	<p>Wooden Transport Box</p> <p>Absolutely necessary for safe shipping of microtome.</p>	310
109211	<p>MS200 MICROS Universal Microtome Blades</p> <p>for daily routine, suitable for all types of tissue.</p>	75
<p><b>Price for SET as described above</b></p>		<p><b>19.182</b></p>

Art.No.	Description	M S R P €Price / Unit
<b>Accessories for Microtomes</b>		
103250	Object Orientation (clamping lever right) To accept object clamps adjustable in X/Y axes. To be used with article no. 103100 and respective object clamp.	620
103300	Standard Object Clamp With fixed upper jaw ensuring max.stability. Max.specimen size 50 x 50 mm.	398
103400	Universal Cassette Clamp Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.	491
103100	Adapter Piece (orientable) Orientable in X and Y axes, 10 rotatable for exact specimen block orientation. To be used with article no. 103200.	115
103000	Adapter Piece (fixed) For fixed object clamp	92
103200	Object orientation (clamping lever left) To accept object clamps, adjustable in X-Y axes. To be used with Art. No. 103100	573
102000	Knife Holder Base Accepts various knife holders	599
103320	Prism For fixation of round specimen. To be inserted in Standard Object Clamp Art. No. 103300	90
102100	Standard Knife Holder R Accepts standard and Tungsten Carbide Knives as well as blades. Knife guard, clearance angle adjustment, knife height adjustment.	930
122001	Disposable Blade Holder Basic Unit 2511A Quick-release clamping system for clamping low profile blades. Adjustable tilt. Moveable knife guard. To be used on article no. 102000	686
104200	Section Waste Tray Fits to RAZOR and STEELY	200
<b>Inserts for Round Specimens</b>		
<i>Special spring-loaded clamping system accepts round specimen together with standard object clamp.</i>		
<i>Standard sizes below.</i>		
103330	Diameter 6 mm	210
103340	Diameter 15 mm	210
103350	Diameter 19 mm	210
103360	Diameter 25 mm	210
103380	Diameter 9 mm Other dimensions on request!.	210

Art.No.	Description	M S R P €Price / Unit
103390	Foil Clamp For clamping thin materials. Fitted directly on the spindly, together with the adapter piece (non tilting) or with the standard object clamp. Compensation slot spring loaded clamping jaw.	480
102300	Knife Holder RS (specially strong) Strong design for fixing hard metal- and standard knives; central pressure plate guarantees optimum stability; free angle adjustment. The knife is precisely stabilized where the highest cutting forces are present. Utilization of total knife length.	1.300
102400	Knife Holder G Glass Knife For semi-thin section technology, for use of triangular glass knives, saphire and diamond knives. Lateral knife adjustment by means of fine drives and new advance fast adjustment. Free angle adjustment. The rotations range for precise specimen orientation as well as trimming is +/- 30°.	4.300
102211	Changeable Clamping Plate for Art.No. 122001, to be used with Low Profile I	530
102220	Changeable Clamping Plate for Art.No.122001, to be used with High Profile I	530
102230	Changeable Clamping Plate for Art.No.122001, to be used with High Profile III	530
102240	Changeable Clamping Plate for Art.No. 1222001, to be used with High Profile II	530
102250	Changeable Clamping Plate for Art.No. 122001, to be used with High Profile V	530
102260	Changeable Clamping Plate for Art.No. 122001, to be used with High Profile IV	380
105100	Wooden Transport Box Absolutely necessary for safe shipping of microtome.	310
105000	Plastic Dust Cover For all CUT versions. Included in all basic units.	60
104000	Set of Tools For all CUT versions. Included in all basic units.	75
109315	Blade Holder Adapter LOW Profile	474
109316	Blade Holder Adapter HIGH Profile	474



Art.No.	Description	M S R P €Price / Unit
<b>KNIVES</b>		
109002	Standard steel microtome knife 1 pcs.of Type C, 16 cm	465
109001	Wooden knife box for 2 knives 10 - 16 cm	55
109202	Tungsten-Carbide knife, 16 cm	2.860

***Further Microtome Knives see under "Blades" or on request!***

Art.No.	Description	MSRP € Price / Unit
<b>DISPOSABLE BLADES</b>		
<b>LOW PROFILE</b>		
109211	<p>MS200 MICROS Universal Microtome Blades for daily routine, suitable for all types of tissue. Especially suitable for ribbon sectioning, excellent sharpness, even with very thin cuts. Allrounder with unique hardened blade cutting edge, excellent durability - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm 1 Box contains 50 pcs. Blades.</p>	74,50
109206	<p>MS33 MICROS Microtome Blades Best in sharpness for extra thin sectioning - Low Profile - Material: stainless steel - Blade Angle: 30° - Length: 80 - Width: 8 - Thickness: 0.25 1 Box contains 50 pcs. Blades</p>	70,40
109207	<p>MS24 MICROS Microtome Blades Excellent durability for sectioning of hard tissues - Low Profile - Material: stainless steel - Quantity: 50 blades/box - Blade Angle: 35° - Length: 80 - Width: 8 - Thickness: 0.25 1 Box contains 50 pcs. Blades</p>	70,40
109210	<p>MS100 MICROS Microtome Blades Universal blade for daily routine like ribbon &amp; thin sectioning. Excellent sharpness and durability. High-quality stainless steel, extra hard teflon coated. - Low Profile - Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm 1 Box contains 50 pcs. Blades</p>	74,50
109212	<p>MS300 special blade, plasma-coated. With unprecedented sharpness, effortlessly cuts bone tissue! Also very suitable for serial sections in biopsies and for thin sections. Persistent and durable. - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm 1 Box contains 50 pcs. Blades.</p>	74,50
<b>HIGH PROFILE</b>		
109209	<p>HP MICROS High Profile Microtome Blades Excellent for cryo-sectioning - High Profile - Material: stainless steel - Blade Angle: 35° - Length: 80 - Width: 14 - Thickness: 0.32 1 Box contains 50 pcs. Blades</p>	74,50

Art.No.	Description	MSRP € Price / Unit
<b>Test Versions +++ net prices, no discount! +++</b>		
109211TEST	<p>MS200 MICROS Universal Microtome Blades for daily routine, suitable for all types of tissue. Especially suitable for ribbon sectioning, excellent sharpness, even with very thin cuts. Allrounder with unique hardened blade cutting edge, excellent durability</p> <ul style="list-style-type: none"> <li>- Low Profile- Blade Angle: 35°</li> <li>- Length: 80 mm</li> <li>- Width: 8 mm</li> <li>- Thickness: 0.25 mm</li> </ul> <p>1 Box contains 5 pcs. Blades.</p>	7,00
109206TEST	<p>MS33 MICROS Microtome Blades Best in sharpness for extra thin sectioning</p> <ul style="list-style-type: none"> <li>- Low Profile</li> <li>- Material: stainless steel</li> <li>- Blade Angle: 30°</li> <li>- Length: 80</li> <li>- Width: 8</li> <li>- Thickness: 0.25</li> </ul> <p>1 Box contains 5 pcs. Blades</p>	6,00
109207TEST	<p>MS24 MICROS Microtome Blades Excellent durability for sectioning of hard tissues</p> <ul style="list-style-type: none"> <li>- Low Profile</li> <li>- Material: stainless steel</li> <li>- Blade Angle: 35°</li> <li>- Length: 80</li> <li>- Width: 8</li> <li>- Thickness: 0.25</li> </ul> <p>1 Box contains 5 pcs. Blades</p>	6,00
109209TEST	<p>HP MICROS High Profile Microtome Blades Excellent for cryo-sectioning</p> <ul style="list-style-type: none"> <li>- High Profile</li> <li>- Material: stainless steel</li> <li>- Blade Angle: 35°</li> <li>- Length: 80</li> <li>- Width: 14</li> <li>- Thickness: 0.32</li> </ul> <p>1 Box contains 5 pcs. Blades</p>	7,00
109210TEST	<p>MS100 MICROS Microtome Blades Universal blade for daily routine like ribbon &amp; thin sectioning. Excellent sharpness and durability. High-quality stainless steel, extra hard teflon coated.</p> <ul style="list-style-type: none"> <li>- Low Profile - Blade Angle: 35°</li> <li>- Length: 80 mm</li> <li>- Width: 8 mm</li> <li>- Thickness: 0.25 mm</li> </ul> <p>1 Box contains 5 pcs. Blades</p>	7,00
109212TEST	<p>MS300 special blade, plasma-coated. With unprecedented sharpness, effortlessly cuts bone tissue! Also very suitable for serial sections in biopsies and for thin sections. Persistent and durable.</p> <ul style="list-style-type: none"> <li>- Low Profile- Blade Angle: 35°</li> <li>- Length: 80 mm</li> <li>- Width: 8 mm</li> <li>- Thickness: 0.25 mm</li> </ul> <p>1 Box contains 5 pcs. Blades.</p>	7,00

Art.No.	Description	MSRP € Price / Unit
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### TRIMMING KNIVES

109220	130MM Trimming Knife Sectioning of hard tissues with fibers, soft or semi-fixed organs easily. Blade angle 22, length 130mm. 1 box contains 50 pcs. blades	80,00
109221	260MM Trimming Knife Sectioning of hard tissues with fibers, soft or semi-fixed organs easily. Blade angle 22, length 260mm. 1 box contains 50 pcs. blades	155,00
109222	Handle 130mm	103,00
109223	Handle 260mm	106,00
109224	Handle 80 mm for disposable blades <i>(will come soon!)</i>	100,00

### Test Versions +++ net prices, no discount! +++

109220TEST	130MM Trimming Knife, Sample Sectioning of hard tissues with fibers, soft or semi-fixed organs easily. Blade angle 22, length 130mm. 1 box contains 5 pcs. blades	10,00
109221TEST	260MM Trimming Knife, Sample Sectioning of hard tissues with fibers, soft or semi-fixed organs easily. Blade angle 22, length 260mm. 1 box contains 5 pcs. blades	15,50

### ACCESSORIES

***Turns your steel knife holder quick and easy  
into a disposable blade holder unit!***

109315	Blade Holder Adapter LOW Profile	474
109316	Blade Holder Adapter HIGH Profile	474

Art.No.	Description	MSRP €Price / Unit
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### WAX TRIMMER

120100	<p>COASTLINE – Wax Trimmer Accurate paraffin block trimming for high quality microtomy</p>	1.400
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Our Coastline – Wax Trimmer is specially designed for histology laboratories to remove excess paraffin from tissue cassettes after embedding. Simply slide with the tissue cassette across the heated surface and the excess wax is shaved away and collected in a waste wax collection box. The wax trimmer eliminates the risk of injuries by cutting into the fingers, because it is no need to remove the excess wax with a knife.

Our Coastline – Wax Trimmer offers save, fast and practical operation for precise sectioning results.

Built-in waste wax collection box for convenient waste collection and disposal.

Sophisticated heating system for fast heating up and with accurate and constant temperature

Ergonomically designed hand rest for operator in order to maintain a firm positioning of unit during the operation

The unit is water proof, well insulated and heat resistant

Preheating time: 5 - 8 mins

Capacity of wax collection box: 300 ml

Working Temperature: 5°C - 40°C

Dimensions: 285 x 160 x 120 (mm)

Weight: 1.95 kg

Voltage: AC220V~50Hz 0.3A

Power: 50W

**Available also with 110V/60Hz voltage!**

### COOLING PLATE

120110	<p>COOLING PLATE allows quick and simple cooling of paraffin blocks.</p> <ul style="list-style-type: none"> <li>- size: 535x330x358 mm</li> <li>- Weight: 20kg, Power: 170W</li> <li>- Time to reach working temperature less than 15 min.</li> <li>- Space for 48 pcs. of cassettes</li> </ul>	3.400
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### WATER BATH

120300	<p>OASIS - Tissue Floating Bath has a low profile 2.3 l black finished interior chamber which reduces glare, thus improving visibility of specimen. Control of temperature range from room temperature to 75°C by adjustment button. Transparent glass lid, heat more evenly and reduce heat loss. Outside Size: Ø 270mm x 210 mm (H), Interior Size; Ø 210 mm x 65 mm (D) Power: 400W Voltage: 110V / 60 Hz or 220V / 50Hz</p>	646
120301	<p>SEAFIRE - Tissue Water Bath with underfloor illumination is ideal for applications where a constant, uniform temperature is important. It combines reliability and durability with best price performance ratio for your laboratory use. Easy to operate, prompt precise heating, best energy saving thermal conduction performance,</p> <ul style="list-style-type: none"> <li>- detachable glass pan for easy cleaning</li> <li>- preset time and automatic shut-off - Temperature range 0-85°C</li> <li>- Temperature tolerance +1C</li> <li>- 220V, 50-60Hz</li> <li>- Dimension glass pan 350x220x45mm</li> <li>- Dimension overall 410x510x150mm</li> </ul>	2.300

Art.No.	Description	MSRP €Price / Unit
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## Stretching & Drying

### ISLAND All-in-One

120500	ISLAND - Combining Float & Dry Both functions are independent of each other with seperate control panel. - Temperature adjustments from 00.0°C to 99.0°C - LED digital display - Voltage 220V/50Hz - Auto memory of last settings	2.200
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**Available also with 110V/60Hz voltage!**

120400	DESERT - Slide Dryer - Dryer temperature range: between ambient and 99° C - Time to reach the set temperature: 10-15 minutes - Working temperature: 0°C - 40°C - Voltage: AC 220V 50Hz 0.3A - Power: 300W - Dimensions: 415 x 310 x 120 mm - Dimensions drying area: 295 x 270 mm - Weight: 6.2 kg	1.980
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**Available also with 110V/60Hz voltage!**

## SCIENTIFIC DEVICE

120970	STORAGE CABINET for paraffin blocks archival storage cabinet. 2 drawers for each 126 pcs. paraffin blocks. Cabinets can be stacked on each other. Dimmensions: 299 x 25 x 110 mm	87
120960	BIOPSY SPONGES these pads makes mounting specimen easier fits in most cassettes, size: 25.4 x 31,5 mm; packed in bags of 1.000 pcs. <b>Packing unit: 5 bags à 1.000 pcs.</b>	16 price / bag
900861	SLIDE BOX 25 - handy box with capacity for 25 slides, numbered inlay, red coloured <b>Packing unit: 5 boxes</b>	9 price / box
900862	SLIDE BOX 100 - handy box with capacity for 100 slides, numbered inlay, red coloured <b>Packing unit: 5 boxes</b>	14 price / box
900863	SLIDE MAP - heavy cardboard album with thumb grooves for easy slide removal, capacity for 20 slides <b>Packing unit: 5 maps</b>	9 price / map