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Product Catalogue with Prices
HISTOLOGY
Equipment



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Content

**MICROTOMES
&
DISPOSABLE BLADES**

**TRIMMING KNIVES
WATER BATH
SLIDE DRYER**

General Terms





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	
RAZOR	Manual	Disposable Blades	
RAZOR-E	Automatic	Disposable Blades	
STEELY	Manual	Steel Knife	
STEELY-E	Automatic	Steel Knife	

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
1092011	Low Profile	MS200	50	35°
109210	Low Profile	MS100	50	35°
109212	Low Profile	MS300	50	35°
109207	Low Profile	MS24	50	35°
109206	Low Profile	MS33	50	30°
109213	High Profile	High Profile PLASMA	50	35°
109211TEST	Low Profile	MS200	5	35°
109210TEST	Low Profile	MS100	5	35°
109212TEST	Low Profile	MS300	5	35°
109207TEST	Low Profile	MS24	5	35°
109206TEST	Low Profile	MS33	5	30°
109213TEST	High Profile	High Profile PLASMA	5	35°

TRIMMING KNIVES

for cutting tissue samples without causing deformations

Best for: Sectioning of large tissue blocks



MS130

Angle: 22°
Lenght: 130 mm
Widh: 18 mm



MS260

Angle: 22°
Lenght: 260 mm
Widh: 18 mm

Art.No.	Description	Blades/Disp.	Angle	
109220	MS130	50	22°	
109220TEST	MS130	5	22°	
109221	MS260	50	22°	
109221TEST	MS260	5	22°	

HANDLES



Art.No.		
109225	SET, Handle with insert module & base plate for 80mm blades	<input checked="" type="checkbox"/>
109222	Handle 130mm for trimming knives	<input checked="" type="checkbox"/>
109223	Handle 260mm for trimming knives	<input checked="" type="checkbox"/>

WATER BATH



WAVE - Water Bath

is ideal for stretching and preparing tissue slides in the histological and pathological laboratory.


The large high heat resistant glass tray with underneath LED lightning makes raising slides easy and the side tray a comfortable placing of slides or instruments possible.

An easy to operate touchscreen gives clear control over all features such as temperature and time switch.

In detail the fast pre-heating, the energy saving heat control, the memory and alarm function as well as the high technical safety standard makes the WAVE a reliable partner in your lab.

Specification:

Dimensions overall (W/D/H): 327 x 340 x 166 mm
Dimensions glass tray (W/D/H): 210 x 168 x 55 mm
Temp range: + 99°C, 1°C precise
Voltage and frequency: AC220V±10%, 50Hz±1Hz

Art.No.	Description
120510	WAVE- Water Bath 

SLIDE DRYER



GOBI - Slide Dryer

ideal for stretching and drying tissue slides in the histological and pathological laboratory.

The large stepped heating tray has room for 56 glass slides and makes a comfortable placing possible.

An easy to operate touchscreen gives clear control over all features such as temperature and time switch.

In detail the fast pre-heating, the energy saving heat control, the memory and alarm function as well as the high technical safety standard makes the GOBI heating table to a reliable partner in your lab.

Specification:

Dimensions overall (W/D/H): 327 x 340 x 166 mm
Temp range: + 99°C, 1°C precise
Voltage and frequency: AC220V±10%, 50Hz±1Hz

Art.No.	Description
120520	GOBI - Slide Dryer 

Art.No. Description

"RAZOR" Rotary MICROTOME
with Disposable Blades
for paraffin sections for routine and research

- 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
 With object retraction of 80 µm in reverse.
 Length 460 x height 280 mm x width 460 mm
 Weight 36 kg without accessories
- 102000 Knife Holder Base
 Accepts various knife holders
- 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
- 102212 Changeable clamping plate 2511A
 to be inserted in art. no. 122001, to be used for low profile
- 103000 Adapter Piece (fixed)
 For fixed object clamp
- 103400 Universal Cassette Clamp
 Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.
- 105100 Wooden Transport Box
 Absolutely necessary for safe shipping of microtome.
- 109211 MS200 MICROS Universal Microtome Blades
 latest plasma technology
 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

Price for SET as described above

Kontakt

Price for complete SET, ex works

For larger quantity, please ask for our best price offer

Gross weight: 55 kg, Measurements: 50 x 55 x 60 cm



Art.No. Description

"STEELY" Rotary Microtome
with Standard Steel Knife
for paraffin sections for routine and research

100040	<p>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 With object retraction of 80 µm in reverse. Length 460 x height 280 mm x width 460 mm Weight 36 kg without accessories</p>
103000	<p>Adapter Piece (fixed) For fixed object clamp</p>
103400	<p>Universal Cassette Clamp Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.</p>
102000	<p>Knife Holder Base Accepts various knife holders</p>
102100	<p>Standard Knife Holder R Accepts standard and Tungsten Carbide Knives as well as blades. Knife guard, clearance angle adjustment, knife height adjustment.</p>
109002	<p>Standard steel microtome knife 1 pcs.of Type C, 16 cm</p>
105100	<p>Wooden Transport Box Absolutely necessary for safe shipping of microtome.</p>

Price for SET as described above

Kontakt

Price for complete SET, ex works

For larger quantity, please ask for our best price offer

Gross weight: 55 kg, Measurements: 50 x 55 x 60 cm



Art.No. Description

**"RAZOR-E" Automatic Rotary MICROTOME
with Disposable Blades
for paraffin sections for routine and research**

- 100060 MICROTOME BASE
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.
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
- ▶ 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
- 102000 Knife Holder Base
Accepts various knife holders
- 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
- 102212 Changeable clamping plate 2511A
to be inserted in art. no. 122001, to be used for low profile
- 103000 Adapter Piece (fixed)
For fixed object clamp
- 103400 Universal Cassette Clamp
Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.
- 105100 Wooden Transport Box
Absolutely necessary for safe shipping of microtome.
- 109211 MS200 MICROS Universal Microtome Blades
latest plasma technology

Price for SET as described above**Kontakt**

Art.No. Description

**"STEELY-E" Fully Automatic Rotary Microtome
with Standard Steel Knife
for paraffin sections for routine and research**

- 100060 MICROTOME BASE
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.
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
- ▶ 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
- 103000 Adapter Piece (fixed)
For fixed object clamp
- 103400 Universal Cassette Clamp
Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.
- 102000 Knife Holder Base
Accepts various knife holders
- 102100 Standard Knife Holder R
Accepts standard and Tungsten Carbide Knives as well as blades.
Knife guard, clearance angle adjustment, knife height adjustment.
- 109002 Standard steel microtome knife
1 pcs.of Type C, 16 cm
including knife box
- 105100 Wooden Transport Box
Absolutely necessary for safe shipping of microtome.

Price for SET as described above**Kontakt**

Art.No.	Description
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Accessories for Microtomes

KNIFE-CLAMPING

- 102000 Knife Holder Base
Accepts various knife holders
- 102100 Standard Knife Holder R
Accepts standard and Tungsten Carbide Knives as well as blades.
Knife guard, clearance angle adjustment, knife height adjustment.
- 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
- 101560 Disposable Blade Holder 2511B for High Profile
- 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.
- 102400 Knife Holder G Glass Knife
For semi-thin section technology, for use of triangular glass knives, sapphire 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°.
- 102211 Changeable Clamping Plate
for Art.No. 122001, to be used with Low Profile I
- 102220 Changeable Clamping Plate
for Art.No.122001 and 101560 to be used with High Profile I
- 100005 Changing Clamping Plate
High Profile, for Art.No 101560

OBJECT-CLAMPING

- 103200 Object orientation (clamping lever left)
To accept object clamps, adjustable in X-Y axes.
To be used with Art. No. 103100
- 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.
- 103300 Standard Object Clamp
With fixed upper jaw ensuring max.stability.
Max.specimen size 50 x 50 mm.
- 103400 Universal Cassette Clamp
Quick-release clamping system for all types of commercially available cassettes. To be used with article no. 103100 or 103410.



Art.No. Description

103100 Adapter Piece (orientable)
Orientable in X and Y axes, 10° rotatable for exact specimen block orientation.
To be used with article no. 103200.

103000 Adapter Piece (fixed)
For fixed object clamp

103320 Prism
For fixation of round specimen.
To be inserted in Standard Object Clamp Art. No. 103300

Inserts for Round Specimens

*Special spring-loaded clamping system accepts round specimen together with standard object clamp.
Standard sizes below.*

103330 Diameter 6 mm
103380 Diameter 9 mm
103340 Diameter 15 mm
103350 Diameter 19 mm
103360 Diameter 25 mm
Other dimensions on request!.

100058 Maxi cassette holder
Quick release clamping system of cassette size 73 x 52 mm). Length-clamping of cassette to be used with Adapter rigid or Adapter orientable or Clamping adapter.

103390 Foil Clamp
For clamping thin materials. Fitted directly on the spindle, together with the adapter piece (non tilting) or with the standard object clamp.
Compensation slot spring loaded clamping jaw.

MISCELLANEOUS

104200 Section Waste Tray
Fits to RAZOR and STEELY

105100 Wooden Transport Box
Absolutely necessary for safe shipping of microtome.

105000 Plastic Dust Cover
For all microtome versions. Included in all basic units.

104000 Set of Tools
For all microtome versions. Included in all basic units.

100072 Oil, 100 ml - for the cleaning of guides and improvement of the sliding

Art.No. Description

KNIVES

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

109315 Blade Holder Adapter for LOW & HIGH Profile Blades

109316 Blade Holder Adapter HIGH Profile

109002 Standard steel microtome knife
1 pcs.of Type C, 16 cm
including knife box

109001 Knife box made from plastic for 1 knife 10 - 16 cm

109202 Tungsten-Carbide knife, 16 cm
including knife box

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

Art.No.	Description	t
DISPOSABLE BLADES		
LOW PROFILE		
109211	<p>MS200 MICROS Universal Microtome Blades latest plasma technology 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"> - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm 	
109212	<p>MS300 specialized Microtome Blade latest plasma technology. 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"> - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm 	
109210	<p>MS100 MICROS Microtome Blades Universal blade for daily routine like ribbon & thin sectioning. Excellent sharpness and durability. High-quality stainless steel, extra hard teflon coated.</p> <ul style="list-style-type: none"> - Low Profile - Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm <p>1 Box contains 50 pcs. Blades</p>	
109206	<p>MS33 MICROS Microtome Blades Best in sharpness for extra thin sectioning</p> <ul style="list-style-type: none"> - Low Profile - Material: stainless steel - Blade Angle: 30° - Length: 80 - Width: 8 - Thickness: 0.25 <p>1 Box contains 50 pcs. Blades</p>	
109207	<p>MS24 MICROS Microtome Blades Excellent durability for sectioning of hard tissues</p> <ul style="list-style-type: none"> - Low Profile - Material: stainless steel - Quantity: 50 blades/box - Blade Angle: 35° - Length: 80 - Width: 8 - Thickness: 0.25 <p>1 Box contains 50 pcs. Blades</p>	
HIGH PROFILE		
109213	<p>HP MICROS High Profile Microtome Blades latest plasma technology Excellent for cryo-sectioning</p> <ul style="list-style-type: none"> - High Profile - Material: stainless steel - Blade Angle: 35° - Length: 80 - Width: 14 - Thickness: 0.32 <p>1 Box contains 50 pcs. Blades</p>	

Art.No.	Description	t
Test Versions +++ net prices, no discount! +++		
109211TEST	<p>MS200 MICROS Universal Microtome Blades latest plasma technology 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"> - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm <p>1 Box contains 5 pcs. Blades.</p>	
109212TEST	<p>MS300 specialized Microtome Blades latest plasma technology 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"> - Low Profile- Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm <p>1 Box contains 5 pcs. Blades.</p>	
109210TEST	<p>MS100 MICROS Microtome Blades Universal blade for daily routine like ribbon & thin sectioning. Excellent sharpness and durability. High-quality stainless steel, extra hard teflon coated.</p> <ul style="list-style-type: none"> - Low Profile - Blade Angle: 35° - Length: 80 mm - Width: 8 mm - Thickness: 0.25 mm <p>1 Box contains 5 pcs. Blades</p>	
109206TEST	<p>MS33 MICROS Microtome Blades Best in sharpness for extra thin sectioning</p> <ul style="list-style-type: none"> - Low Profile - Material: stainless steel - Blade Angle: 30° - Length: 80 - Width: 8 - Thickness: 0.25 <p>1 Box contains 5 pcs. Blades</p>	
109207TEST	<p>MS24 MICROS Microtome Blades Excellent durability for sectioning of hard tissues</p> <ul style="list-style-type: none"> - Low Profile - Material: stainless steel - Blade Angle: 35° - Length: 80 - Width: 8 - Thickness: 0.25 <p>1 Box contains 5 pcs. Blades</p>	
109213TEST	<p>HP MICROS High Profile Microtome Blades latest plasma technology Excellent for cryo-sectioning</p> <ul style="list-style-type: none"> - High Profile - Material: stainless steel - Blade Angle: 35° - Length: 80 - Width: 14 - Thickness: 0.32 <p>1 Box contains 5 pcs. Blades</p>	

Art.No.	Description
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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
- 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
- 109222 Handle 130mm for trimming knives
- 109223 Handle 260mm for trimming knives
- 109225 SET, Handle with insert module & base plate for 80mm blades
- 109226 Handle for 80mm blades

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
- 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

ACCESSORIES

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

- 109315 Blade Holder Adapter for LOW & HIGH Profile Blades

WATER BATH "WAVE"

- 120510 WAVE - Water Bath is ideal for stretching and preparing tissue slides in the histological and pathological laboratory.
The large high heat resistant glass tray with underneath LED lightning makes raising slides easy and the side tray a comfortable placing of slides or instruments possible.
An easy to operate touchscreen gives clear control over all features such as temperature and time switch.
In detail the fast pre-heating, the energy saving heat control, the memory and alarm function as well as the high technical safety standard makes the WAVE a reliable partner in your lab.

Specification:

Dimensions overall (W/D/H): 327 x 340 x 166 mm
Dimensions glass tray (W/D/H): 210 x 168 x 55 mm
Temp range: + 99°C, 1°C precise
Voltage and frequency: AC220V±10%, 50Hz±1Hz

SLIDE DRYER "GOBI"

- 120520 GOBI - Slide Dryer ideal for stretching and drying tissue slides in the histological and pathological laboratory.
The large stepped heating tray has room for 56 glass slides and makes a comfortable placing possible.
An easy to operate touchscreen gives clear control over all features such as temperature and time switch.
In detail the fast pre-heating, the energy saving heat control, the memory and alarm function as well as the high technical safety standard makes the GOBI heating table to a reliable partner in your lab.

Specification:

Dimensions overall (W/D/H): 327 x 340 x 166 mm
Temp range: + 99°C, 1°C precise
Voltage and frequency: AC220V±10%, 50Hz±1Hz

Conditions

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:

36 months on microtomes, 12 months on electronic parts

12 months on histopathology instruments

Validity:

Effective from July 1st 2021 to June 30rd 2022

