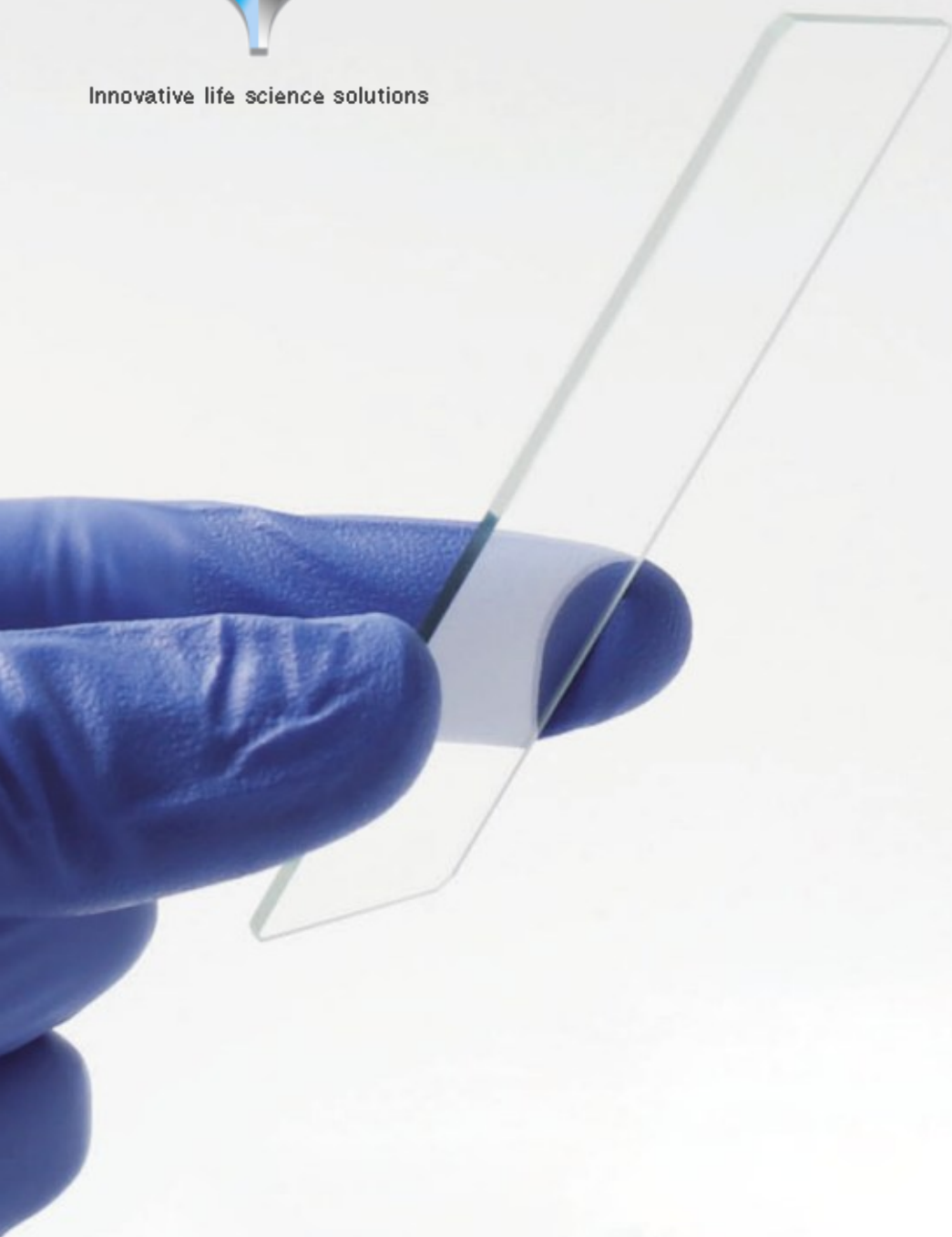




Innovative life science solutions



Anatomy Pathology Catalog

Equipment

Made in Italy

Histo-Line

Complete equipment range for your laboratory

Equipments
Consumables
Immunohistochemistry



Made in Italy



We manufacture equipments and products for use in histology, and cytology, with a wide national and international distribution network



Company

Histo-Line Laboratories is an Italian company focused on histopathology founded in Milan in 1987



Mission

To provide specialist help to pathologists and technicians of the Pathological Anatomy Units in order to obtain the best results



Vision

Through the constant expansion of the range of products based on the needs of the market, and an active feedback with customers, we try to achieve high quality standards in order to allow diagnosis to be made correctly, quickly and avoiding errors as much as possible.

Our Values



A range of products and services selected worldwide based on the characteristics of innovation, reliability and economic relationship.



Qualified and up-to-date technical-scientific support service with a team of Product Managers and Application Specialists who work both from the Headquarters and in the customer's laboratories.



Continuous education and training activities through on-site and remote updates in order to serve customers in a shorter period of time and at the most appropriate time.



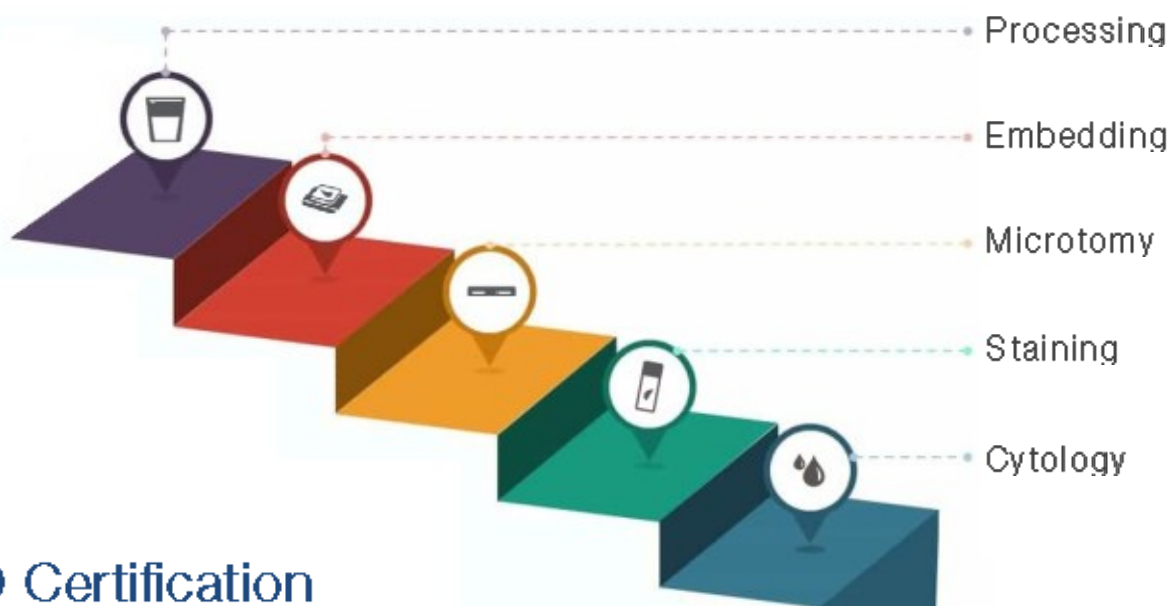
Technical support for preventive and after-sales maintenance of the instruments followed by the Histo-Line Tech-Service which guarantees reliability and continuity of work.

Quality built in, at every stage

Our quality management system ensures excellence is built in to every project - right from the get-go.

From identifying and understanding our customers needs, to reviewing and improving management systems, there is protocol in place to ensure our service is always the best it can be.

In the Lab



ISO Certification

Histo-Line Laboratories has been steadily investing in quality since 1987 by improving its production processes to obtain products and tools that meet the needs of customers.

Through the implementation of Quality Management Systems attesting to this strong focus on the production of products with high qualitative characteristics and in accordance with internationally recognized requirements, it has obtained the certificates **ISO 9001** and **obtained ISO 13485**.



Histology Equipments

1. TISSUE PROCESSING

7	Pro 300 Vacuum Tissue Processor	15	Automatic Linear Tissue Processor
11	Pro 200 Vacuum Tissue Processor	19	Automatic Carousel Tissue Processor

2. EMBEDDING

27	Tissue Embedding Center	30	Thermal Console Double Floor
29	Main Console - Embedding module	32	Paraffin Dispenser
30	Cryo Console	33	Histo Trimmer
30	Thermal Console	34	Histo Clip Heated forceps

3. SECTIONING

ROTARY MICROTOMES

39	Aries - Full Automatic Programmable Microtome	51	Libra - Manual Microtome
43	Fully Motorized Rotary Microtome	55	Manual Rotary Microtome
47	Gemini - Semiautomatic Microtome		

MICROTOMES CRYOSTAT

59	Microtome Cryostat With Retraction	67	Microtome Cryostat Dual Compressor
63	Microtome Cryostat Dual Compressor		

4. SECTIONING ACCESSORIES

71	All-In-One Water Bath-Slide dryer	73	Water Bath
72	Tissue Floating bath	74	Slide Dryer

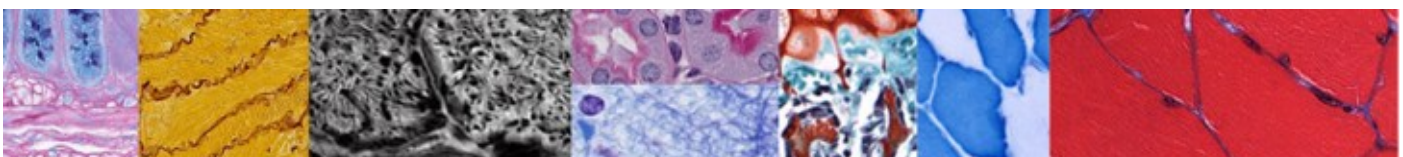
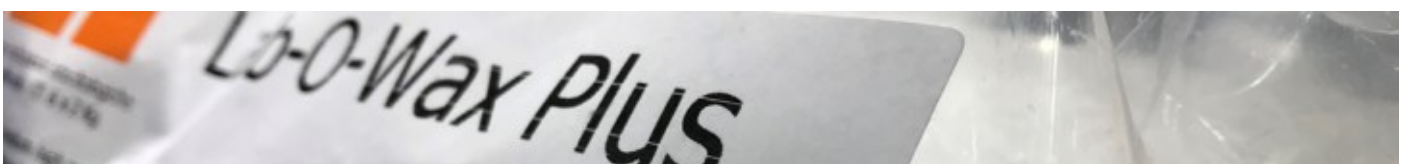
5. STAINING

79	Automatic staining and glass coverslipping	87	Automatic Slide Stainer
83	Automatic Multiple Slide Stainer	91	Histo Stainer Compact Slide Stainer

6. CYTOLOGY

99	Cytological Centrifuge
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CE IVD





1. Tissue Processing

Vacuum Tissue Processor
Linear Tissue Processor
Spin Tissue Processor

Automatic vacuum tissue processor for histological samples

Simple, reliable and low cost processing for high capacity

PRO300

CE IVD





Histo-Pro Series

Automatic vacuum tissue processor

for histological samples

The system advantages



Improved cabinet design

Through the **easy-to-use touch screen**, all the operating parameters (programs, temperatures, timing, vacuum and levels) can be freely modified.



Full process control

Real-time process data about key instrument settings, such as current filling status, temperature and pressure inside the retort, paraffin bath temperature, as well as status of the paraffin bath and retort heating systems, is always available.



Saving cost

An **active extraction process** ensures efficient reagents quality, which extends paraffin life, improves tissue quality, and reduces operating costs.



Ergonomic design provides easy accessibility

External access for **easy draining** of exhaust paraffin



Remote fill and drain enhances user safety

User safety is enhanced by a **fully enclosed fume** system and by the improved reagent bottle and cabinet design to **prevent the risk of contact** and reagent carry-over.



The Histo-Pro, designed for routine clinical and research histopathology.

Is an innovative, smart tissue processor for paraffin infiltration of tissue for histological samples



High quality specimens

Tempered glass window retrofit.

Capacity up to 300 cassettes with 20 programs that consist of up to 10 reagent and 3 paraffin wax steps.

Three different reagent level according to sample quantity processed.



Select your favorite programs

The operator can set the **different programs** varied in **duration, temperature.**

Alarm system for wrong operation and troubles.

Multiple specimen protection system



Easy to use

Large Touch-screen color Liquid Crystal Display (LCD)

User-friendly, smart icons software.

Easy-to-remember operating procedures on touch-screen interface



Histo-Pro Series

Automatic vacuum tissue processor

for histological samples

Technical features

<p>Process chamber</p> <p>Capacity: 300 standard cassettes contained in a stainless steel drum to 3 floors with two separators and closing top cover.</p> <p>Paraffin tank: 3</p> <p>Volume: 4 lt each</p> <p>Melting time (approximate): 3 hours</p> <p>Temperature: 50°C - 65°C ± 1°</p> <p>Recirculation (pump in/out): ON/OFF with frequency 15 min.</p> <p>Impregnation vacuum: -70 kPa (g)</p> <p>Impregnation pressure: 35 kPa (g)</p> <p>Fill vacuum: -70 kPa (g)</p> <p>Drain pressure: 35 kPa (g)</p>	<p>Software</p> <p>Large touch screen liquid crystal display (LCD) 14 "</p> <p>Alarm system as a reminder or failure</p> <p>Protection of samples multiple system</p> <p>Programs: 10 freely settable, up to 10 reagent and 3 paraffin steps</p> <p>Time for program step: 0 to 99 hours, 59 minutes</p> <p>Temperature accuracy: ± 1°C</p> <p>Max. delay time: 14 days, 23 hours, 59 minutes</p>
<p>Reagent capacities</p> <p>Bottles numbers: 14</p> <p>Reagents bottles: 10</p> <p>Cleaning solution bottles: 2</p> <p>Condensate bottle: 1</p> <p>Carbon filter bottle: 1</p> <p>Reagent bottle volume: 5.0 lt</p> <p>Temperature reagents: ambient or 35°C</p> <p>Temperature cleaning reagents: 50°C - 65°C</p> <p>Filling / drain time: up to 5 min</p>	<p>Technical data</p> <p>Power supply: 220V ~ 50Hz or 110V ~ 60Hz</p> <p>Relative humidity: 10 to 80%</p> <p>Maximum power draw: 1800 V/A</p> <p>Size and weight</p> <p>Width: 62 cm</p> <p>Depth : 68 cm</p> <p>Height: 123 cm</p> <p>Weight: 120 kg</p>
	<p>Regulatory</p> <p>CE-IVD</p>

Wide range of accessories and consumables on request



Automatic vacuum tissue processor for histological samples

Simple, reliable and cost-saving processing

PRO200

CE IVD





Histo-Pro Series

Automatic vacuum tissue processor

for histological samples

The system advantages



Improved cabinet design

Through the **easy-to-use touch screen**, all the operating parameters (programs, temperatures, timing, vacuum and levels) can be freely modified.



Full process control

Real-time process data about key instrument settings, such as current filling status, temperature and pressure inside the retort, paraffin bath temperature, as well as status of the paraffin bath and retort heating systems, is always available.



Saving cost

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Ergonomic design provides easy accessibility

External access for **easy draining** of exhaust paraffin



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The Histo-Pro, designed for routine clinical and research histopathology.

Is an innovative, smart tissue processor for paraffin infiltration of tissue for histological samples



High quality specimens

Tempered glass window retrofit.

Capacity up to 200 cassettes with 20 programs that consist of up to 10 reagent and 3 paraffin wax steps.

Three different reagent level according to sample quantity processed.



Select your favorite programs

The operator can set the **different programs** varied in **duration, temperature.**

Alarm system for wrong operation and troubles.

Multiple specimen protection system



Easy to use

Large Touch-screen color Liquid Crystal Display (LCD)

User-friendly, smart icons software.

Easy-to-remember operating procedures on touch-screen interface



Histo-Pro Series

Automatic vacuum tissue processor

for histological samples

Technical features

<p>Process chamber</p> <p>Capacity: 200 standard cassettes contained in a stainless steel drum to 3 floors with two separators and closing top cover.</p> <p>Paraffin tank: 3</p> <p>Volume: 4 lt each</p> <p>Melting time (approximate): 3 hours</p> <p>Temperature: 50°C - 65°C ± 1°</p> <p>Recirculation (pump in/out): ON/OFF with frequency 15 min.</p> <p>Impregnation vacuum: -70 kPa (g)</p> <p>Impregnation pressure: 35 kPa (g)</p> <p>Fill vacuum: -70 kPa (g)</p> <p>Drain pressure: 35 kPa (g)</p>	<p>Software</p> <p>Large touch screen liquid crystal display (LCD) 14 ''</p> <p>Alarm system as a reminder or failure</p> <p>Protection of samples multiple system</p> <p>Programs: 10 freely settable, up to 10 reagent and 3 paraffin steps</p> <p>Time for program step: 0 to 99 hours, 59 minutes</p> <p>Temperature accuracy: ± 1°C</p> <p>Max. delay time: 14 days, 23 hours, 59 minutes</p>
<p>Reagent capacities</p> <p>Bottles numbers: 14</p> <p>Reagents bottles: 10</p> <p>Cleaning solution bottles: 2</p> <p>Condensate bottle: 1</p> <p>Carbon filter bottle: 1</p> <p>Reagent bottle volume: 4.0 lt</p> <p>Temperature reagents: ambient or 35°C</p> <p>Temperature cleaning reagents: 50°C - 65°C</p> <p>Filling / drain time: up to 5 min</p>	<p>Technical data</p> <p>Power supply: 220V ~ 50Hz or 110V ~ 60Hz</p> <p>Relative humidity: 10 to 80%</p> <p>Maximum power draw: 1800 W/A</p> <p>Size and weight</p> <p>Width: 62 cm</p> <p>Depth : 68 cm</p> <p>Height: 123 cm</p> <p>Weight: 120 kg</p> <p>Regulatory</p> <p>CE-IVD</p>

Wide range of accessories and consumables on request



Automatic linear tissue processor for histological samples

Simple and cost-saving processing for clinical and research
procedures

ATP1000

CE IVD





Automatic linear tissue processor for histological samples

The system advantages



Improved cabinet design

Through the **easy-to-use touch screen**, all the operating parameters (programs, temperatures, timing, vacuum and levels) can be freely modified.



Full process control

Real-time process data about key instrument settings, such as current running status, temperature and, paraffin bath temperature, as well as status, are always available.



Saving cost

The adjustment of the working temperature is carried out via electronic thermostat with **microprocessor**.



Easy to use

User-friendly, smart icons software. User-friendly, smart icons software.



Ergonomic design provides easy accessibility

The lids of the tanks are closed automatically at the basket passage

Automatic linear tissue processor, designed for reduced sample capacity

Is an simple tissue processor for paraffin infiltration of tissue for histological samples



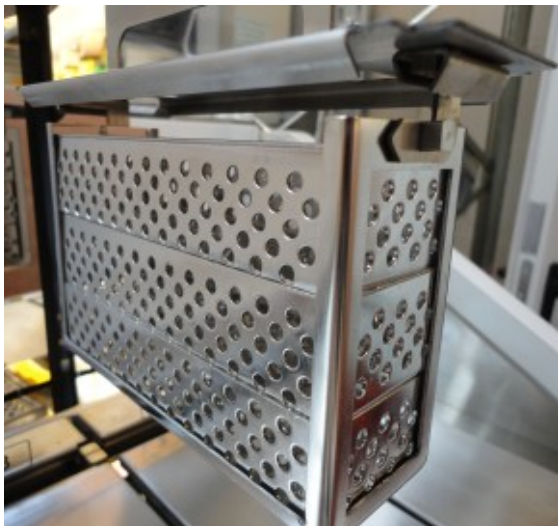
High quality specimens

All reagents and paraffin containers are completely **closed by a Plexiglas** cover to prevent evaporation



Select your favorite programs

You can allocate in the **three floors of the basket** the biocassettes depending on the amount of samples to be processed, and then cover with the lid so that the samples remain in the basket.



Easy to use

The processor can process 150 samples simultaneously in two baskets of 75 samples each



Automatic linear tissue processor for histological samples

Technical features

Capacities and process chamber

Capacity: 150 standard cassettes contained in a stainless steel basket (75 each basket, for simultaneous processing of two samples baskets programmable separately)

Paraffin tank: 3

Volume: 1500 ml each

Melting time (approximate): 2 hours

Temperature: 50°C - 75°C ± 1°

Reagent capacities

Number of stations: 14

Number of Reagent Stations: 10

Station capacity: 1500 ml

Agitation: 4 times every 5 minutes

Carbon filter: 1

Software

Large touch screen liquid crystal display (LCD) 14 "

Alarm system as a reminder or failure

Programs: 6 freely settable

Time for program step: 0 to 99 hours, 59 minutes

Temperature accuracy: ± 1°C

Max. delay time: 14 days, 23 hours, 59 minutes

Technical data

Power supply: 220V ~ 50Hz or 110V ~ 60Hz

Relative humidity: 10 to 80%

Maximum power draw: 1000 V/A

Size and weight

Width: 140 cm

Depth : 50 cm

Height: 55 cm

Weight: 142 kg

Regulatory

CE-IVD

Technical support and after sale

Histo-Line offers a complete technical support for you. We find together the best solution for you and your instrument in certain and quick times.

Technical Support Products specialist@histoline.com 

Technical Support Equipments techservice@histoline.com 



Automatic carousel tissue processor for histological samples

Simple and cost-saving tissue processing for clinical and research procedures

STP250-V

CE IVD





Automatic carousel tissue processor for histological samples

The system advantages



Improved cabinet design

Through the **easy-to-use touch screen**, all the operating parameters (programs, temperatures, timing, vacuum and levels) can be freely modified.



Full process control

Real-time process data about key instrument settings, such as current running status, temperature and, paraffin bath temperature, as well as status, are always available.



Practical details

The tissue basket is **moved up and down** in the liquid at three-second intervals to ensure thorough and even mixing of the reagents and facilitates tissue infiltration.

Sealing rings on the container lids **reduce solution loss** and therefore also emission into the lower ambient atmosphere.



Ensure safety for the tissue

The tissue specimens are protected from drying out even during a power failure since the tissue baskets are automatically immersed in a station.



Vacuum system

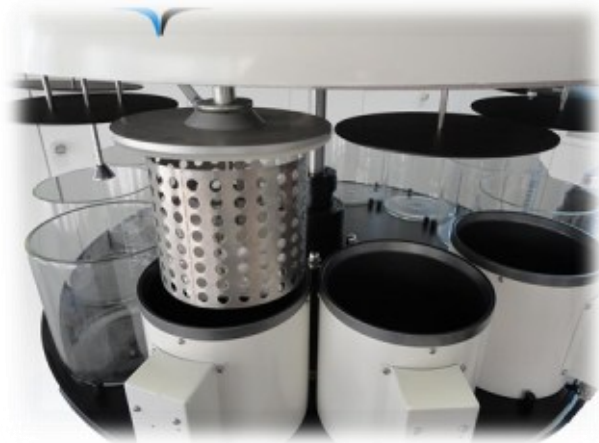
Vacuum can be applied to any of the stations both in manual and automatic operation.

The advantage: Substantially improved infiltration of tissue in a shorter time. Instruments with the vacuum feature are equipped with aluminum containers.

Automatic carousel tissue processor

for histological samples

The system advantages



Easy to use

User-friendly, **smart icons** software. User-friendly, smart icons software. Constant temperature controlling system adopted on the paraffin tank to ensure high precision of temperature controlling, **nonstick Teflon coating painted** on the internal surface that provide the good condition for tissue protection.



Ergonomic design provides easy accessibility

Tissue basket relocating controlling enabling the tissue to be put in any tank. The **individual covers** for each one of the vessel **reduce the emission of vapors** to a minimum



Saving cost

The adjustment of the working temperature is carried out via electronic thermostat with **microprocessor**.



Wide range of accessories and consumables on request



Automatic carousel tissue processor for histological samples

Technical features

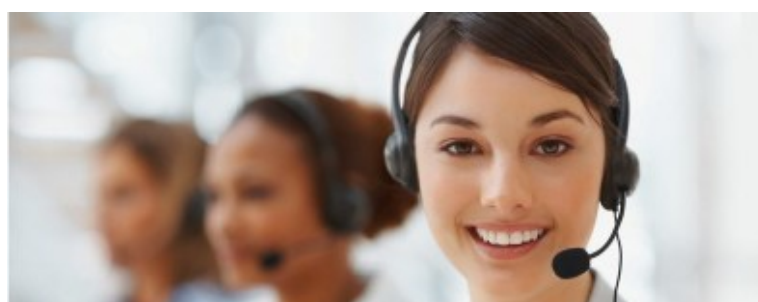
<p>Capacities and process chamber</p> <p>Capacity: 100 standard cassettes contained in a stainless steel basket</p> <p>Paraffin tank: 3</p> <p>Paraffin tank capacity: 1.8 lt</p> <p>Pressure difference: max. 500 hPa (approx. 0.5 bar)</p> <p>Melting time (approximate): 2 hours</p> <p>Temperature setting: : 50°C - 85°C ± 1°</p>	<p>Software</p> <p>Large touch screen liquid crystal display (LCD) 14 ''</p> <p>Alarm system as a reminder or failure</p> <p>Programs: 10 freely settable</p> <p>Tank processing time: 0 ~ 10 hour</p> <p>Temperature accuracy: ± 1°C</p> <p>Max. delay time: 30 days</p>
<p>Reagent capacities</p> <p>Number of stations: 12</p> <p>Number of Reagent Stations: 9</p> <p>Station capacity: 2300 ml</p> <p>Agitation: 4 times every 5 minutes</p> <p>Standard tissue basket: 1 (2 optional)</p>	<p>Technical data</p> <p>Power supply: 220V ~ 50Hz or 110V ~ 60Hz</p> <p>Relative humidity: 10 to 80%</p> <p>Maximum power draw: 1000 V/A</p>
	<p>Size and weight</p> <p>Width: 78 cm</p> <p>Depth : 70 cm</p> <p>Height: 57 cm</p> <p>Weight: 70 kg</p>
	<p>Regulatory</p> <p>CE-IVD</p>

Technical support and after sale

Histo-Line offers a complete technical support for you. We find together the best solution for you and your instrument in certain and quick times.

Technical Support Products specialist@histoline.com 

Technical Support Equipments techservice@histoline.com 



Tissue processors comparison table

Histo-Line tissue processors help you simultaneously increase quality and throughput with built-in quality, reliability and tissue protection. So, choose the right instrument for your workload to maximize efficiency and protect critical patient tissue



Tissue processors

Peculiarity	Histo-Pro 300	Histo-Pro 200	ATP1000	STP250-V
Capacities of sample	~300	~200	~150	~100
Program	20	20	6	10
Underfloor	X	X		
Bench			X	X
Vacuum	X	X		X
Monitor touch screen	X	X	X	X
Agitation mode	X	X		X
Microprocessor control	X	X	X	X
Tank carbon filter	X	X		
Active Carbon filter			X	X
Programmable	X	X	X	X
Alarm system	X	X	X	X
Reagent level control	X	X		X

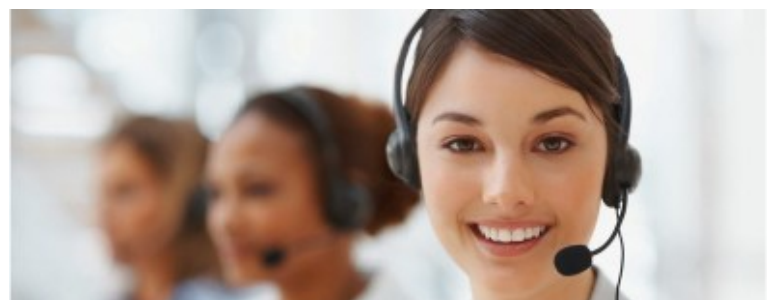


Book a demo from remote

Histo-Line offers a complete technical support for you. We find together the best solution for you and your instrument in certain and quick times.

Technical Support Products specialist@histoline.com 

Technical Support Equipments techservice@histoline.com 





Want more information?

If you need reagents and consumable products for the processing, please refer to the *Histo-Line Reagents & Consumable* catalog.

You can find the complete list useful special accessories that can help you.



Want to see all the available products? Look it in the *Histo-Line Reagents & Consumable* or visit the website!





2. Embedding

Tissue Embedding Center
Main Console
Cryo Console
Thermal Console
Paraffin Dispenser
Histo Trimmer
Histo Clip Heated forceps

Tissue Embedding Center

Workstation for histological samples

Easy design for greater workflow

TEC2900T

CE IVD





Tissue Embedding Center

Workstation for histological samples

Is an innovative, smart embedding center for tissue

The system advantages

Main Console - Embedding module touch Screen



Bright Illumination

Large, easy-to-read **touch screen** display allows quick access to the temperature controls and other parameters. Lighting intensity is easily user adjustable.



Designed for your needs

Programmable daily/weekly switching on and off. It can be set heating automatically from Monday to Sunday as user requirement timing.



High Capacity

The **high capacity** of the embedding workstation can keep up with even the biggest laboratories. The symmetrical workspace allows you to keep your cassettes, molds and other accessories warm and at hand for a smoother workflow.



Vapors Treatments

The instrument is equipped with an **active carbon filter** which allows him to work safely outside of a hood, thus preventing odors and air alteration.



Pedal for dispensing

Paraffin dispensing nozzle controllable via hand switch or foot pedal

Tissue Embedding Center

We designed an embedding system that meets your needs

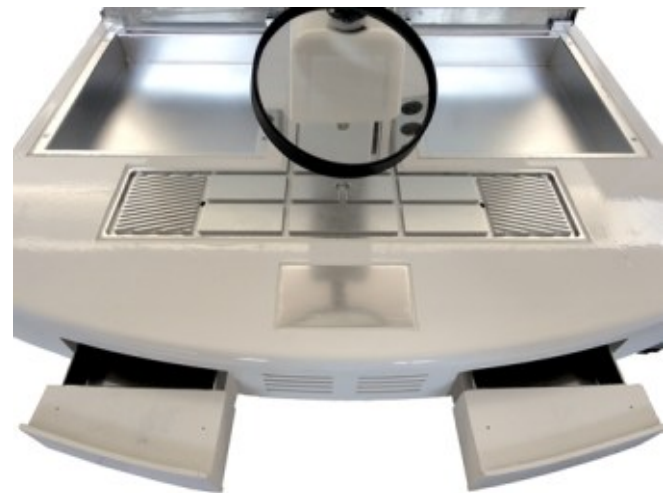
The system advantages

Main Console - Embedding module touch Screen



For every use

The tray is designed to be **compatible with many baskets** and allows for efficient access to cassettes and molds, resulting in smooth embedding batches.



Wide space

The **large work surface** allows draining of the excess paraffin into two large waste trays and allows processing many cassettes at the same time. **Integrated heated block trimmer.**



Reliable design

Uniquely designed with **microprocessor temperature sensors**, each single console which maximizes space utilization, multifunctional workstations.



Tissue Embedding Center

to make working procedures fast, and above all comfortable

Is an innovative, modular solution for paraffin embedding of tissue for histological samples

Cryo Console - Cool plate



Cold immediately

The Cryo console is composed of a compressor cooled work surface held to chill the paraffin blocks rapidly. The Teflon coating allows a minimum ice formation and easy cleaning.



Independent module

May be placed **beside microtome** up to user operating habit. Equipped with a plexiglass lid that can be opened from the front, which allows the creation of a cold area capable of containing vertically stacked blocks, tripling capacity.

Thermal Console Standard



Spacious Tray Removable

Thermal Console is designed to allow the heating and short-term storage of biological **samples or mold**.

Can contain up to 4.8 Lt of paraffin and be removed for transport and easy cleaning.

The **metal cover** can be easily fully or half opened.

Code: TEC2900-3

Thermal Console Double Floor



High Capacity for High Efficiency

Thermal Console double floor is equipped with **two chambers**, for high capacity. In the **upper chamber** is allocated a removable container to put cassettes or basket coming directly from any tissue processor.

The **lower chamber**, with removable tray, is used to maintain the tissue specimens in their individual cassettes at the proper temperature while awaiting embedding.

Code: TEC2900-4

Tissue Embedding Center

Workstation for histological samples

Technical features

Main Console TEC 2900T-1

Programming: working days and times can be set for automatic weekly/daily on/off

Lighting: double strip Light-blue LED anti-glare, adjustable

Vapours treatments: activated charcoal filter

Reservoir capacity (liquid paraffin): 6 Lt

Trays for cassette /mold capacity: 1,8 Lt

Working temperatures: 30° ~ 75°C

Cold spot: until supermega cassettes; temperatures ~-10°C

Accessories included: foot pedal switch for paraffin flow

Nominal supply: 220 V/50 Hz or 110 V/60 Hz

Maximum power draw: 1000 V/A

Dimensions: W60xD65xH46 cm

Weight: 30 kg

Cryo Console TEC2900-2

Capacity: about 80 cassettes standard dimension

Working temperatures: form ambient to -20°C

Accessories included: plexiglas cover

Nominal supply: 220 V/50 Hz or 110 V/60 Hz

Maximum power draw: 200 V/A

Dimensions: W41xD63xH44 cm

Weight: 24 kg

Thermal Console TEC2900-3

Working temperatures: form ambient to 85°C

Removable lower basin: 330x330x50 mm ~ 3 Lt of paraffin

Nominal supply: 220 V/50 Hz or 110 V/60 Hz

Maximum power draw: 300 V/A

Dimensions: W41xD63xH44 cm

Weight: 9 kg

Thermal Console double floor TEC2900-4

Working temperatures: from ambient to 85°C

Removable upper basin: 320x205x100 mm ~ 5,5 Lt of paraffin

Removable lower basin: 330x330x50 mm ~ 3 Lt of paraffin

Nominal supply: 220 V/50 Hz or 110 V/60 Hz

Maximum power draw: 300 V/A

Dimensions: W41xD63xH44 cm

Weight: 9 kg

Regulatory

CE-IVD

Wide range of accessories and consumables on request





Paraffin wax dispenser

Designed for paraffin of different melting points

Simple, inexpensive, reliable

TEC2000



High Capacity for High Efficiency

TEC2000 is a **microprocessor-controlled** paraffin dispenser.

It is designed for liquid paraffin dispensing in pathology or research laboratories.

Temperature can be set from "ambient" to 80°C with 1°C steps on three different areas: reservoir, work surface and dispenser tap.

Ideal for small workloads to have paraffin liquid on hand at all times.



Technical features

Tank capacity: 5 liters

Working temperature: from ambient ~ 80°C in 1°C increments

Temperature control: tank, work surface and dispenser tap

Temperature accuracy: ± 1°C

Technical data

Power supply: 220V ~ 50Hz or 110V ~ 60Hz

Relative humidity: 10 to 80%

Maximum power draw: 500 W/A

Size and weight

Width: 400 mm

Depth : 300 mm

Height: 370 mm

Weight: 10 kg

Regulatory

CE-IVD

Histo Trimmer

Designed to remove excess paraffin from cassettes

Simple, clean, brilliant

TEC3000

CE IVD



Easy-to-use cleaning

TEC 3000 Histo Trimmer is a practical unit designed to remove excess paraffin from cassettes after the embedding procedure.

Just rub the edges of the cassette on the heated surface to obtain a block free of burrs and ready to be inserted into the clamp of the microtome.

The temperature can be set from ambient up to 70°C and monitored by the control panel.

The heated and removable tray allows the recovery of melted paraffin and the easy cleaning operation.



Temperature range

Working temperature: from ambient 30° ~ 70°C increments in 1°C increments

Temperature accuracy: ± 1°C

Technical data

Power supply: 220V ~ 50Hz or 110V ~ 60Hz

Relative humidity: 10 to 80%

Maximum power draw: 200 W/A

Size and weight

Width: 220 mm

Depth : 160 mm

Height: 170 mm

Weight: 2,5 kg

Regulatory

CE-IVD



Histo Clip heated forceps

For the inclusion of anatomical pieces

Simple, inexpensive, reliable

HL2043

CE IVD



Designed for your needs

The Histo clips are electric heated forceps that allow you to perform the inclusion of anatomical pieces in paraffin without contamination during the operation.

The temperature is fixed at $62 \pm 2^\circ \text{C}$ effectively eliminating the overheating and consequent tissue damage.

The Histo clips is equipped with a unit of **low-voltage control** for operator safety. It has a dual input that allows the connection of two heated clamps of different sizes at the same time.

Three different sizes are available for different applications

- code. HL4057 - tweezers thickness of 1 mm
- code. HL4058 - tweezers thickness of 2 mm
- code. HL4059 - tweezers thickness of 4 mm



Temperature range

Working temperature: is fixed at $62 \pm 2^\circ \text{C}$

Temperature accuracy: $\pm 1^\circ \text{C}$

Technical data

Power supply: 220V ~ 50Hz or 110V ~ 60Hz

Relative humidity: 10 to 80%

Maximum power draw: 12 W

Size and weight

Power supply size: 156 x 136 x 66 mm

Length Tweezers: 150mm

Regulatory

CE-IVD

Embedding Center system advantages



Great sections rely on careful embedding.

Histo-Line embedding solutions help you ensure correct tissue orientation, avoid heat damage, and create the ideal block shape.

Setup a Histo-Line embedding center to match your workflow, choose productivity enhancing accessories and select base molds that match your cassettes

Main Console

Peculiarity	Main Console TEC2900T-1
System Vapor treatments	X
Module separable	X
Automatic switching on and off daily or weekly	X
High Capacity paraffin reservoir (6 Lt)	X
Light-blue LED	X
Programmable intensity LED	X
Magnifying glass	X
Touch screen display	X
Cold spot for macro cassette autonomous	X
Foot Switch	X
Heated forceps 1 mm, 2 mm, 4 mm	Optional
Proximity sensor	Optional

Embedding Center Modules

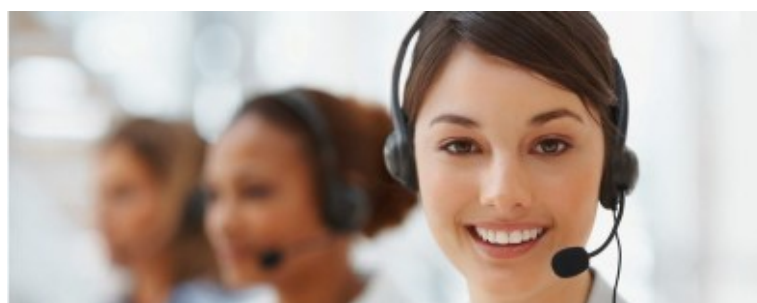
Peculiarity	TEC2900T-1	TEC2900-2	TEC2900-3	TEC2900-4	TEC2000	TEC3000
Adjustable temperature	X	X	X	X	X	X
Programmable	X					
Teflon surface		X	X			
Microprocessor control	X	X	X	X	X	X
Parts removable	X		X	X		

Book a demo from remote

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Want more information?

If you need reagents and consumable products for the processing, please refer to the *Histo-Line Reagents & Consumable* catalog.



You can find the complete list useful special accessories that can help you. Want to see all the available products? Look it in the *Histo-Line Reagents & Consumable* or visit the website!





3. Sectioning

ROTARY MICROTOMES

- Aries - Fully Motorized Rotary Microtome programmable
Fully Motorized Rotary Microtome
- Gemini - Semiautomatic Microtome programmable
- Libra - Manual Rotary Microtome
Manual Rotary Microtome

MICROTOMES CRYOSTAT

- Microtome Cryostat with retraction
- Microtome Cryostat Clinical Dual Compressor



Aries - Full Automatic Programmable Microtome

for histological samples

Applications of routine histopathology

ARM3750

CE IVD





Aries - Full Automatic Programmable Microtome

for histological samples



Ergonomic design

Recessed staging area for convenient placement of blades, brushes and other ancillary tools.

For optimal cutting comfort. Integrated waste trays to save you time and energy



The precision to cut

Microtome for cut quality sections with consistent thickness.

Produce high quality paraffin sections for H&E, IHC and molecular techniques.



Stable and without vibrations

Silent retraction reduces noise during prolonged use.

Robust and stable support for excellent cutting performances.



Safety to use

Precise lateral knife holder adjustment, with **three predefined stop** positions.

Blade removal system and blade holder with cutting protection for operator's safety



Pad remote control

Ergonomic **pad remote control**, to be freely placed by the operator, easy to use



Flexible

Long stroke length allows high quality sections of Macro / SuperMega cassettes



Multi-function mode

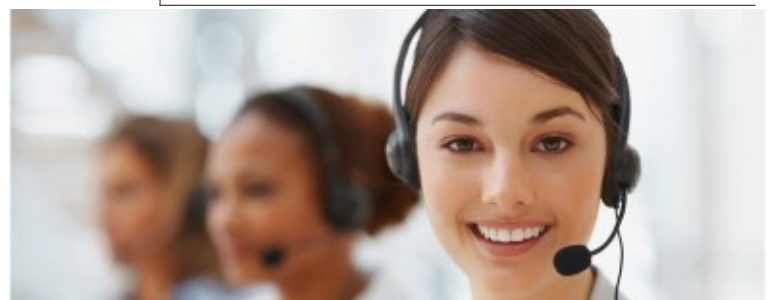
Complete function of automatic sectioning, slice counting, microns counting, fast trimming. **Two different trimming memory positions** can be set by user. This allow a fast sample position.

Technical support and after sale

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Motorized rotary microtome for high-performance

Is an innovative, smart microtome for routine histopathology applications and research field



Safety first

Accurately align the block face to the blade edge, using the specimen orientation **system with zero-position centering**.

The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.

Blade holder with adjustable cutting angle to the use of **any type of disposable blades**.

Adapted to your needs

Choose between **conventional** full hand-wheel rotation, manual sectioning or "**rocking mode**", where the hand-wheel is turned back and forth over a short distance.



Reduce risk of cutting injuries

The hand wheel can be **locked at any position**, so as to ensure the safety of the **operation**.

Safe quick braking system; precise electronic mechanic design



Wireless control pedal

The new pedal of the microtome Aries is different from those available in the market.

Pedal supplied connected to the microtome, in **wireless** mode, for starting and stopping the cut.



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for Microtomy



MRS3500
Gemini
Semi Automatic Microtome



MRS3000
Libra
Manual Microtome



Aries - Full Automatic Programmable Microtome

for histological samples

Technical features

Sectioning thickness setting range	Trimming thickness setting range
Range of the slice thickness: 0,25 - 100 μm 0,25 to 2,5 μm in 0,25 μm increments 2,5 to 5 μm in 0,5 μm increments 5 to 10 μm in 1 μm increments 10 to 30 μm in 2 μm increments 30 to 60 μm in 5 μm increments 60 to 100 μm in 10 μm increments	Range of the slice thickness: 1 - 600 μm 1 to 10 μm in 1 μm increments 10 to 20 μm in 2 μm increments 20 to 50 μm in 5 μm increments 50 to 150 μm in 10 μm increments 150 to 600 μm in 50 μm increments
Movable range for the blade holder basal	Maximum specimen size
Forward/Backward: ± 65 mm Left / Right: ± 40 mm	Standard clamp (HxWxD): 55x50x30 mm Super mega cassette clamp (HxWxD): 68x48x15 mm
Vertical stroke	Cutting speed
72 mm ± 1 mm	Variable speed: 0,5 – 420 mm/s $\pm 10\%$
Specimen feed	Size and weight
30 mm ± 1 mm	Width: 475 mm Depth (including tray): 580 mm Depth (excluding tray): 510 mm Height: 340 mm Weight: 40 kg
Retraction	Regulatory
Manual mode: 5-100 μm in increments of 5 μm Automatic mode: according to speed, can be deactivated	CE-IVD
Specimen orientation	
Horizontal: 8 , vertical: 8 , rotation 360°	



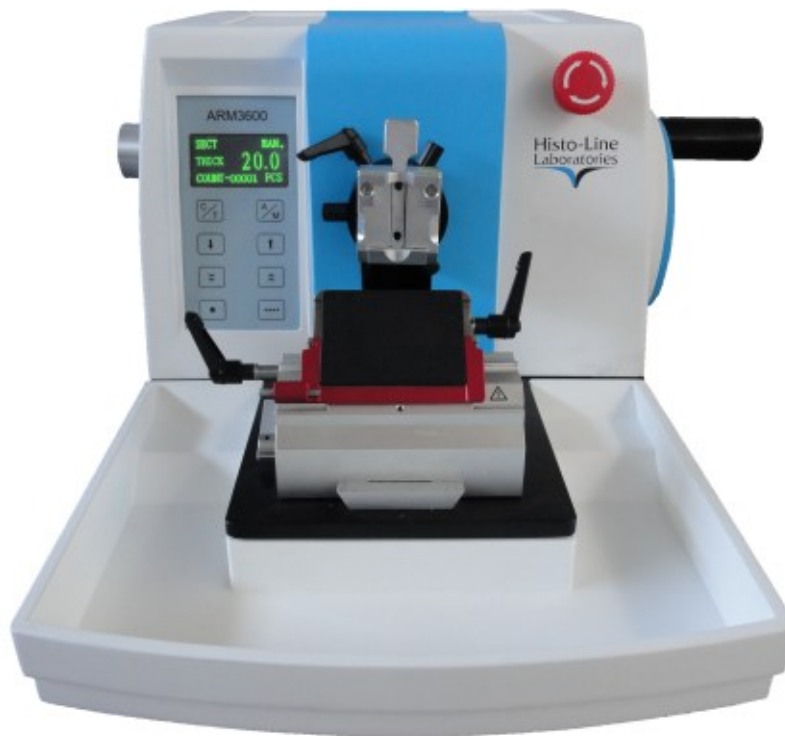
Fully Motorized Rotary Microtome

for histological samples

Applications of routine histopathology

ARM3600

CE IVD





Fully Motorized Rotary Microtome

for histological samples

The system advantages



Ergonomic design

Recessed staging area for convenient placement of blades, brushes and other ancillary tools.

For optimal cutting comfort. Integrated waste trays to save you time and energy



The precision to cut

Microtome for cut quality sections with consistent thickness.

Produce high quality paraffin sections for H&E, IHC and molecular techniques.



Stable and without vibrations

Silent retraction reduces noise during prolonged use.

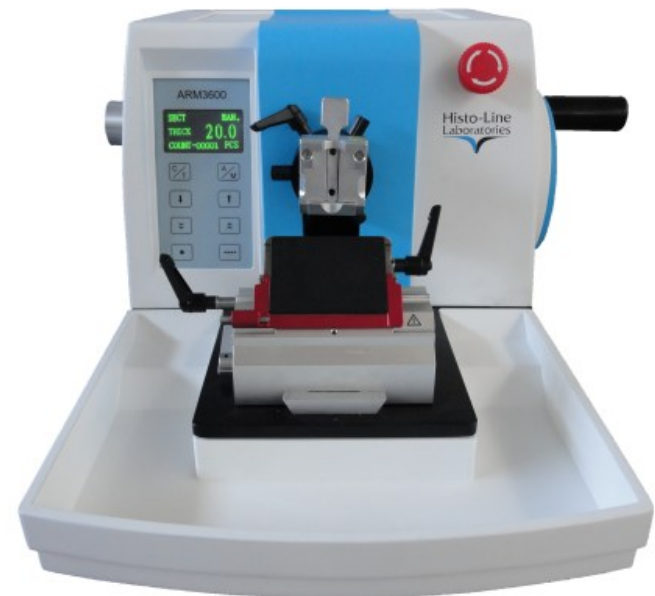
Robust and stable support for excellent cutting performances.



Safety to use

Precise lateral knife holder adjustment, with **three predefined stop** positions.

Blade removal system and blade holder with cutting protection for operator's safety



Flexible

Long stroke length allows high quality sections of Macro / SuperMega cassettes

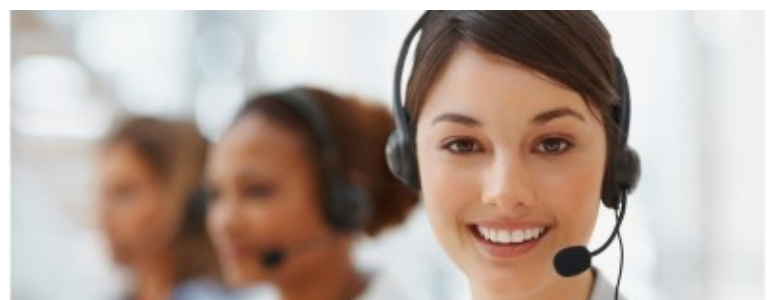
Technical support and after sale

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Simple and inexpensive motorized rotary microtome

Smart microtome for routine histopathology applications and research field



Adapted to your needs

The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.

Blade holder with adjustable cutting angle to the use of **any type of disposable blades**.



Safety first

Safety button to stop automatic rotation at any time.



Reduce risk of cutting injuries

The hand wheel can be **locked at any position**, so as to ensure the safety of the **operation**.



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for Microtomy



MRS3500
Gemini
Semi Automatic Microtome



MRS000
Libra
Manual Microtome



Fully Motorized Rotary Microtome

for histological samples

Technical features

Sectioning thickness setting range	Trimming thickness setting range
Range of the slice thickness: 0,25 - 100 μm	Range of the slice thickness: 1 - 600 μm
0,25 to 2,5 μm in 0,25 μm increments	1 to 10 μm in 1 μm increments
2,5 to 5 μm in 0,5 μm increments	10 to 20 μm in 2 μm increments
5 to 10 μm in 1 μm increments	20 to 50 μm in 5 μm increments
10 to 30 μm in 2 μm increments	50 to 150 μm in 10 μm increments
30 to 60 μm in 5 μm increments	150 to 600 μm in 50 μm increments
60 to 100 μm in 10 μm increments	
Movable range for the blade holder basal	Maximum specimen size
Forward/Backward: ± 65 mm	Standard clamp (HxWxD): 55x50x30 mm
Left / Right: ± 40 mm	Super mega cassette clamp (HxWxD): 68x48x15 mm
Vertical stroke	Cutting speed
52 mm ± 1 mm	Variable speed: 1.500 $\mu\text{m/s}$ at 3.500 $\mu\text{m/s}$
Specimen feed	Size and weight
26 mm ± 1 mm	Width: 413 mm
Retraction	Depth (including tray): 618 mm
Manual mode: 5-60 μm in increments of 5 μm	Depth (excluding tray): 520 mm
Automatic mode: according to speed, can be deactivated	Height: 305 mm
Specimen orientation	Weight: 32 kg
Horizontal: 8 , vertical: 8 , rotation 360°	Regulatory
	CE-IVD



Gemini - Semi Automatic Microtome

for histological samples

Applications of routine histopathology

MRS3500-S

CE IVD





Gemini - Semi Automatic Microtome

for histological samples



Convenient storage area

Recessed staging area for convenient placement of blades, brushes and other ancillary tools.

For optimal cutting comfort. Integrated waste trays to save you time and energy



The precision to cut

Microtome for cut quality sections with consistent thickness.

Produce high quality paraffin sections for H&E, IHC and molecular techniques.



Stability

Silent retraction reduces noise during prolonged use.

Maximum rigidity and stability are provided by the optimized microtome base plate.



Lateral knife holder adjustment

Precise lateral knife holder adjustment, with **three predefined stop** positions.

Blade removal system and blade holder with cutting protection for operator's safety



Flexible

Long stroke length allows high quality sections of Macro / SuperMega cassettes



Multi-function mode

Complete function of automatic sectioning, slice counting, microns counting, fast trimming. **Two different trimming memory positions** can be set by user. This allow a fast sample position.



Control panel

All functions are controlled, space-saving control panel with display and buttons allow you to make changes in use.



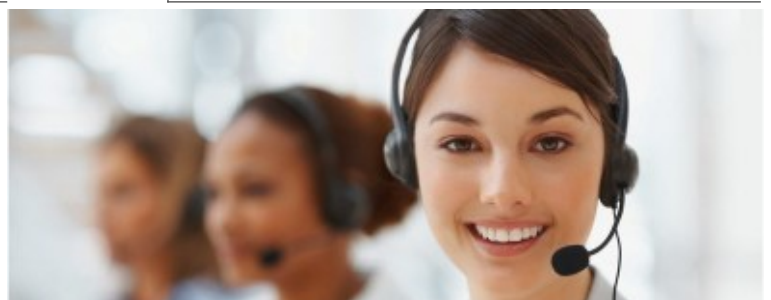
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The perfect combination of efficiency and user comfort

Simple and smart microtome for routine histopathology applications and research field



Precision specimen orientation

Accurately align the block face to the blade edge, using the specimen orientation **system with zero-position centering**

The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.

Blade holder with adjustable cutting angle to the use of **any type of disposable blades.**



Adapted to your needs

Choose between **conventional**, full hand-wheel rotation, manual sectioning or "**rocking mode**", where the hand-wheel is turned back and forth over a short distance.



Safety during sectioning

The hand wheel can be **locked at any position**, so as to ensure the safety of the **operation**

Safe quick braking system; precise electronic mechanic design



Ergonomics and safety

A hand-wheel locking device for one-thumb operation locks the specimen head in the **uppermost position**, which is ideal for changing the specimen and/or blade.



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for Microtomy



MRS3750
Aries
Automatic Microtome



MR3000
Libra
Manual Microtome



Gemini - Semi Automatic Microtome

for histological samples

Technical features

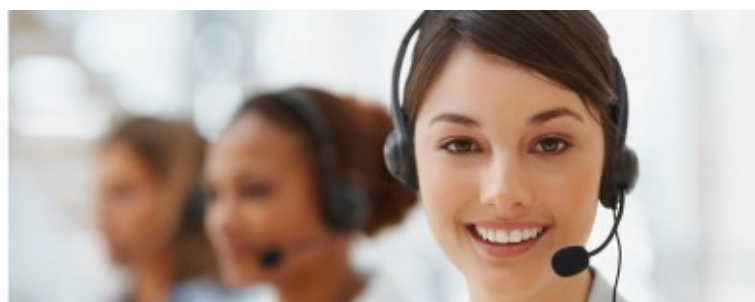
Sectioning thickness setting range	Trimming thickness setting range
Range of the slice thickness: 0,25 - 100 µm	Range of the slice thickness: 1 - 600 µm
0,25 to 2,5 µm in 0,25 µm increments	1 to 10 µm in 1 µm increments
2,5 to 5 µm in 0,5 µm increments	10 to 20 µm in 2 µm increments
5 to 10 µm in 1 µm increments	20 to 50 µm in 5 µm increments
10 to 30 µm in 2 µm increments	50 to 150 µm in 10 µm increments
30 to 60 µm in 5 µm increments	150 to 600 µm in 50 µm increments
60 to 100 µm in 10 µm increments	
Movable range for the blade holder basal	Maximum specimen size
Forward/Backward: ±65 mm	Standard clamp (HxWxD): 55x50x30 mm
Left / Right: ±40 mm	Super mega cassette clamp (HxWxD): 68x48x15 mm
Vertical stroke	Specimen speed
72 mm ±1 mm	Variable speed: 0,5 – 420 mm/s ± 10%
Specimen feed	Size and weight
30 mm ±1 mm	Width: 475 mm
Retraction	Depth (including tray): 580 mm
Manual mode: 5-100 µm in increments of 5 µm	Depth (excluding tray): 510 mm
Automatic mode: according to speed, can be deactivated	Height: 340 mm
Specimen orientation	Weight: 40 kg
Horizontal: 8 , vertical: 8 , rotation 360°	Regulatory
	CE-IVD

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Libra - Manual Microtome

with retraction for histological samples

Applications of routine histopathology

MR3000

CE IVD





Libra - Manual Microtome

with retraction for histological samples

The system advantages



Ergonomic design

Recessed staging area for convenient placement of blades, brushes and other ancillary tools.

For optimal cutting comfort.

Integrated waste trays to save you time and energy



Stable and without vibrations

Silent retraction reduces noise during prolonged use.

Robust and stable support for excellent cutting performances.



Safety to use

Precise lateral knife holder adjustment, with **three predefined** stop positions.

Blade removal system and blade holder with cutting protection for operator's safety



Fast to work

Two quick-trim stages (10 μm and 30 μm) independent from the preset fine section thickness.



Flexible

Long stroke length allows high quality sections of Macro / SuperMega cassettes



The precision to cut

Microtome for cut quality sections with consistent thickness.

Produce high quality paraffin sections for H&E, IHC and molecular techniques.



Fatigue-free work

The rapid feed flywheel is positioned very close to the user and allows significantly relaxed work.

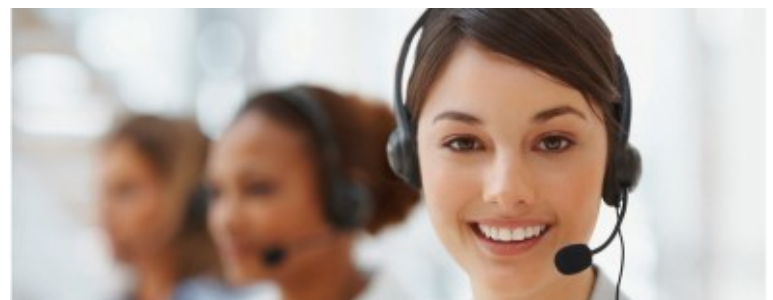
Technical support and after sale

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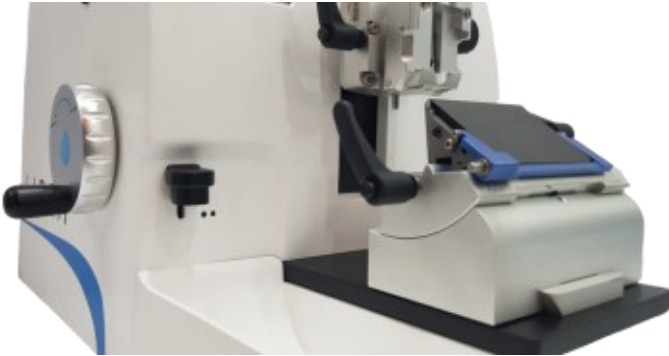
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Durability, precision and comfort in an essential microtome

The ideal choice in histopathology where manual microtomes are preferred over motorized units



Safety first

Accurately align the block face to the blade edge, using the specimen orientation **system with zero-position** centering.

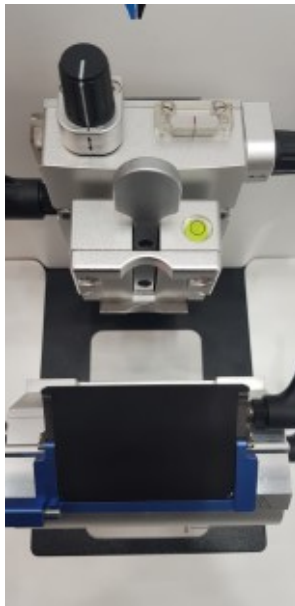
The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.

Blade holder with adjustable cutting angle to the use of **any type of disposable blades.**



Reduce risk of cutting injuries

The hand wheel can be **locked at any position**, so as to ensure the safety of the operation.



ERGONOMICS

Ergonomics and application security

The specimen holder can be fixed in the upper position by means of the low-friction safety flywheel equipped with an ergonomic handle and with insertable lock using the single thumb.

This is ideal for changing the specimen or blade

Histo-Line complete range of solutions for Microtomy



MRS3750
Aries
Automatic Microtome



MR3500
Gemini
Semi Automatic Microtome



Wide range of accessories and consumables on request



Libra - Manual Microtome

with retraction for histological samples

Technical features

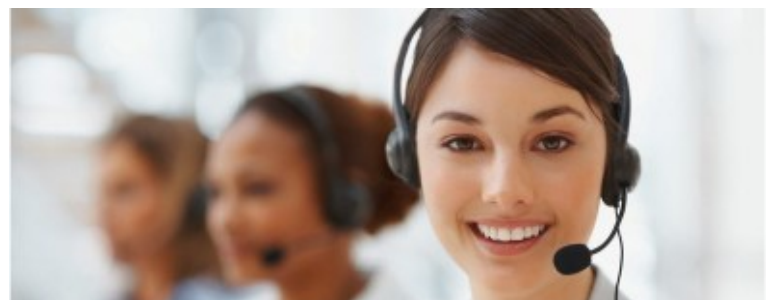
Microtome	Trimming section thickness setting range
Section thickness setting range: 0,5 ~ 60 µm	1 step: 15 µm
0,5 to 2 µm in 0,5 µm increments	2 step: 30 µm
2 to 10 µm in 1 µm increments	Maximum specimen size
10 to 20 µm in 5µm increments	Large standard clamp: 56 x 50 x 30 mm
20 to 60 µm in 10 µm increments	Super Cassette clamp: 68 x 48 x 15 mm
Vertical stroke	Movable range for the blade holder basal
70 mm ±1 mm	Forward/Backward: ±65 mm
Specimen feed	Left / Right: ±40 mm
28 mm ±1 mm	Size and weight
Retraction	Width: 500 mm
Specimen retraction: 90 µm (can be turned off)	Depth (including tray): 570 mm
Specimen orientation	Depth (excluding tray): 500 mm
Horizontal: 8 , vertical: 8 , rotation 360°	Height: 300 mm
	Weight: 37 kg
	Regulatory
	CE-IVD

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Manual Rotary Microtome

for histological samples

Applications of routine histopathology

MR2258

CE IVD





Manual Rotary Microtome

for histological samples

The system advantages



Ergonomic design

Recessed staging area for convenient placement of blades, brushes and other ancillary tools.

For optimal cutting comfort.

Integrated waste trays to save you time and energy



Stable and without vibrations

Robust and stable support for excellent cutting performances.



Safety to use

Precise lateral knife holder adjustment, with **three predefined** stop positions.

Blade removal system and blade holder with cutting protection for operator's safety



Fast to work

Two types of specimen clamps, quick-attach and screw-on upon request. The sample holder arm is equipped with a mechanism that allows rapid and precise orientation along the x and y axes.



Flexible

Long stroke length allows high quality sections of Macro / SuperMega cassettes



The precision to cut

Microtome for cut quality sections with consistent thickness.

Produce high quality paraffin sections for H&E, IHC and molecular techniques.



Fatigue-free work

The rapid feed flywheel is positioned very close to the user and allows significantly relaxed work.

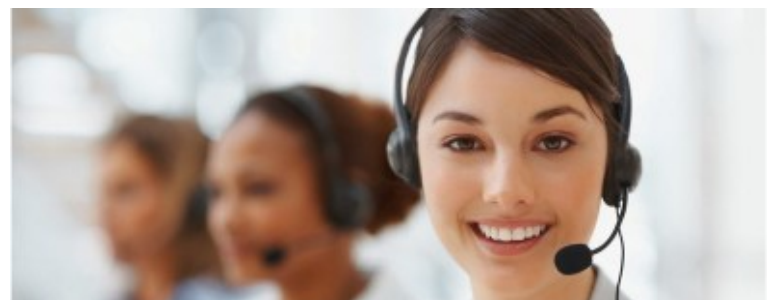
Technical support and after sale

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Durability, precision and comfort in an essential microtome

The ideal choice in histopathology where manual microtomes are preferred over motorized units



Safety first

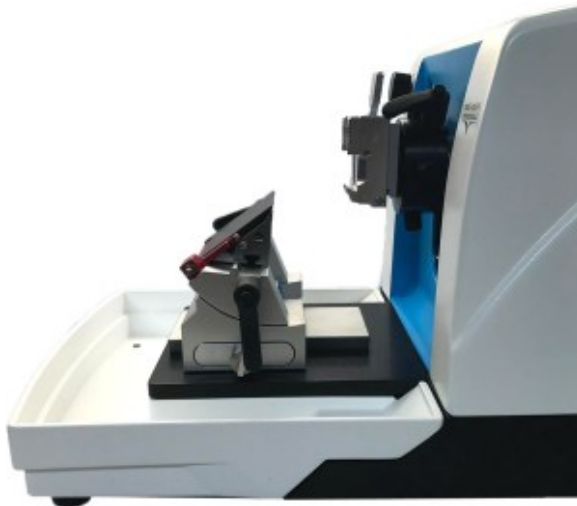
The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.

Blade holder with adjustable cutting angle to the use of **any type of disposable blades**.



Reduce risk of cutting injuries

The hand wheel can be **locked at any position**, so as to ensure the safety of the operation.



ERGONOMICS

Ergonomics and application security

The specimen holder can be fixed in the **upper position** by means of the low-friction safety flywheel equipped with an ergonomic handle and with insertable lock using the single thumb.

This is ideal for changing the specimen or blade



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for Microtomy



MRS3750
Aries
Automatic Microtome



MR3500
Gemini
Semi Automatic Microtome



Manual Rotary Microtome

for histological samples

Technical features

Microtome	Maximum specimen size
Section thickness setting range: 0,5 ~ 60 µm	Large standard clamp: 55 x 50 x 30 mm
0,5 to 2 µm in 0,5 µm increments	Super Cassette clamp: 68 x 48 x 15 mm
2 to 10 µm in 1 µm increments	Movable range for the blade holder basal
10 to 20 µm in 5µm increments	Forward/Backward: ±65 mm
20 to 60 µm in 10 µm increments	Left / Right: ±40 mm
Vertical stroke	Size and weight
70 mm ±1 mm	Width: 400 mm
Specimen feed	Depth (including tray): 540 mm
28 mm ±1 mm	Depth (excluding tray): 500 mm
Specimen orientation	Height: 290 mm
Horizontal: 8 , vertical: 8 , rotation 360°	Weight: 30 kg
	Regulatory
	CE-IVD

Book a demo from remote

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Microtome Cryostat with retraction

for histological samples

Applications of routine histopathology

MC5050

CE IVD





Microtome Cryostat with retraction

for histological samples

The system advantages



Ergonomic design provides easy accessibility

Easy and intuitive control panel allocated in front of operator where it can test and check all the parameters: cryochamber, specimen, shelter and pel- tier.



Stable and without vibrations

A **fully encapsulated microtome** reduces the time to clean the cryostat significantly.

Anti-roll integrated

Orientable head. Allows uniform orientation and perfect alignment of the sample.



Easy to use, easy to work

Single **function keys** and easily readable displays provide all relevant functions literally at the "push of one button".



High performance

Defrost automatic with hot gas defrost, automatic defrost cycle/24 hours, time-controlled.

Liquid condensate and **waste are collected** in a condensate bottle, easy to remove and to clean.



Reduce risk of cutting injuries

The hand wheel can be **locked at any position**, so as to ensure the safety of the operation.



The precision to cut

Microtome cryostat for out quality sections with consi- stent thickness, supported by

the microtome's precision **step motor**



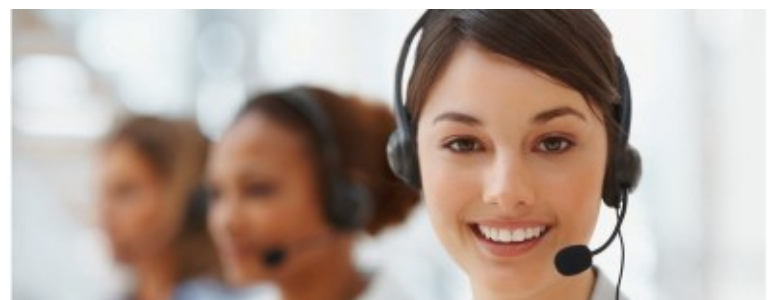
Technical support and after sale

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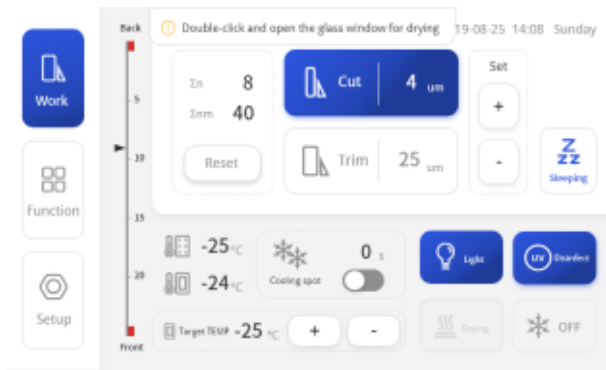
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The Cryostat, with innovative design, suitable for your needs

Is an innovative, smart tissue cryostat for routine histopathology applications with UVC for increased user safety



Safety first

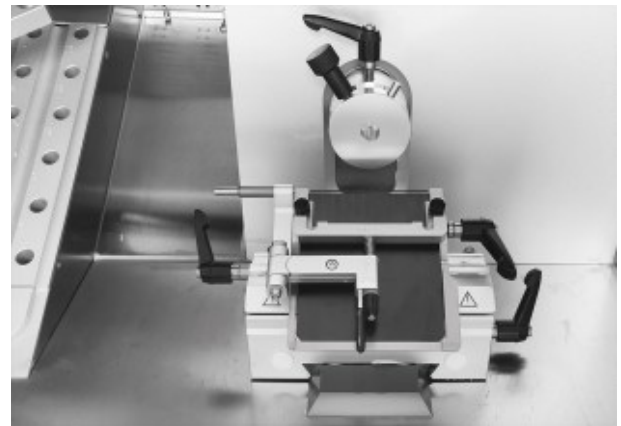
Accurately align the block face to the blade edge, using the specimen orientation **system with zero-position** centering.

The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.



Protection through uv disinfection

The **UVC disinfection** option is active against a broad variety of bacteria, fungi, and viruses, including SARS-CoV-2. When the cryostat is urgently needed during disinfection, simply open the glass door and commence your work.



Fast to work

Quick freeze with freezing shelf and a Peltier element, providing additional cooling down to -60°C below.

Anti-fog and thermally insulating glass

Histo-Line complete range of solutions for Cryotomy



MC4000
Microtome cryostat
Dual compressor



MC6000
Microtome cryostat
Dual compressor



Microtome Cryostat with retraction

for histological samples

Technical features

Microtome	Cryostat
Section thickness range: 1 ~ 100 µm	Refrigerating capacity: 690 W
1 to 10 µm in 1 µm increments	Chamber temperature: 10°C ~ -35°C adjustable
10 to 20 µm in 2 µm increments	Defrosting: manual/automatic programmable (24h, duration 9 min.)
20 to 50 µm in 5µm increments	Freezing plate temperature: -40°C
50 to 100 µm in 10 µm increments	Number of freezing station: 18
Trimming thickness range: 1 ~ 600 µm	Peltier numbers: 2 at ≤ -60 °C
1 to 20 µm in 2 µm increments	Refrigerant: R404a, 300g±10g
20 to 50 µm in 5 µm increments	Compressor oil: 0.6L EMKARATE RL-22S, ICI
50 to 100 µm in 10 µm increments	
100 to 600 µm in 50 µm increments	Technical data
Vertical stroke	Power supply: 220V ~ 230V at 50 ~ 60Hz
59 mm	Relative humidity: 10 to 80%
Horizontal stroke	Maximum power draw: 1200 V/A
22 mm	Size and weight
Retraction	Width: 780 mm (760 mm without handwheel)
Specimen retraction: 0-200 µm (can be deactivated)	Depth : 700 mm
Maximum specimen size	Height: 1280 mm
55 X 55 mm	Weight: 135 kg
Specimen orientation	Regulatory
Horizontal and vertical: 12°, rotation 360°	CE-IVD
Specimen fast moving speed: 700 µm/s	



Microtome Cryostat Dual Compressor

for histological samples

Simple, reliable and cost-saving cryotomy

MC5000

CE IVD





Microtome Cryostat Dual Compressor for histological samples



Ergonomic design provides easy accessibility

Easy and intuitive control panel allocated in front of operator where it can test and check all the parameters: cryochamber, specimen, shelter and peltier.



The precision to cut

Microtome cryostat **double compressor** for cut quality sections with consistent thickness, supported by the microtome's precision **step motor**.



Stable and without vibrations

A **fully encapsulated microtome** reduces the time to clean the cryostat significantly.

Anti-roll integrated

Orientable head. Allows uniform orientation and perfect alignment of the sample.



Easy to use, easy to work

Single **function keys** and easily readable displays provide all relevant functions literally at the "push of one button".



High performance

Defrost automatic with hot gas defrost, automatic defrost cycle/24 hours, time-controlled.

Liquid condensate and **waste are collected** in a condensate bottle, easy to remove and to clean.



Reduce risk of cutting injuries

The hand wheel can be **locked at any position** so as to ensure the safety of the operation.



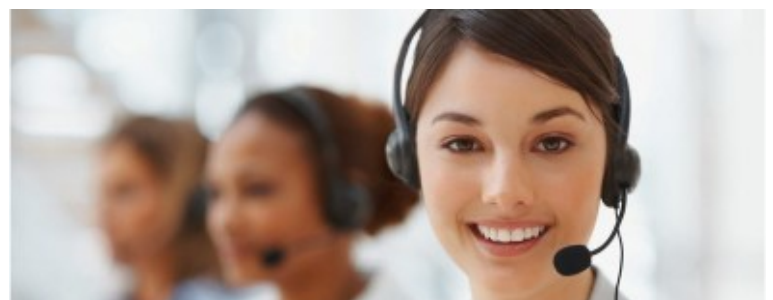
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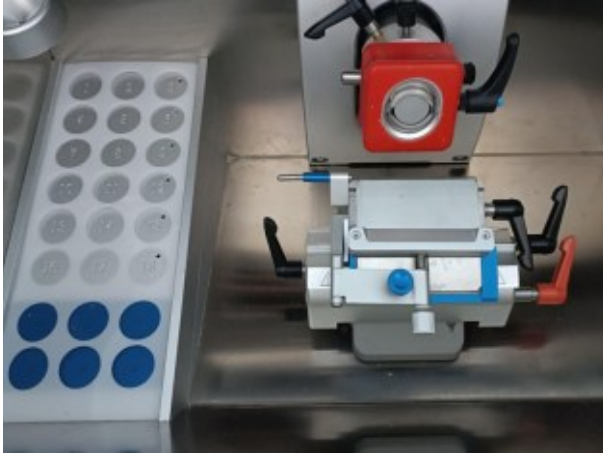
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The Cryostat, designed for clinical and research procedure

Is an innovative, smart tissue cryostat for routine histopathology applications with UVC for increased user safety



Safety first

Accurately align the block face to the blade edge, using the specimen orientation **system with zero-position** centering.

The **blade ejector** and magnetic brush enable the user to safely remove the blade from the blade holder without touching it.

Blade holder with adjustable cutting angle to the use of **any type of disposable blades.**



Protection through uv disinfection

The **UVC disinfection** option is active against a broad variety of bacteria, fungi, and viruses, including SARS-CoV-2. When the cryostat is urgently needed during disinfection, simply open the glass door and start your work.



Fast to work

Quick freeze with freezing shelf and a Peltier element, providing additional cooling down to -60°C below .

Anti-fog and thermally insulating glass

Histo-Line complete range of solutions for Cryotomy



MC4000

Microtome cryostat

Dual compressor



MC5050

Microtome cryostat

Semi automatic



Microtome Cryostat Dual Compressor

for histological samples

Technical features

<p>Microtome</p> <p>Section thickness range: 0,5 ~ 100 µm</p> <p>0,5 to 5 µm in 0,5 µm increments</p> <p>5 to 20 µm in 1 µm increments</p> <p>20 to 40 µm in 2 µm increments</p> <p>40 to 100 µm in 5 µm increments</p> <p>Trimming thickness range: 10 ~ 600 µm</p> <p>10 to 50 µm in 5 µm increments</p> <p>50 to 100 µm in 10 µm increments</p> <p>100 to 600 µm in 50 µm increments</p>	<p>Cryostat</p> <p>Refrigerating capacity: 690 W</p> <p>Chamber temperature: 0°C ~ -50°C adjustable</p> <p>Specimen temperature: -10°C ~ -45°C adjustable</p> <p>Defrosting: manual/automatic programmable (24h, duration 9 min.)</p> <p>Freezing plate temperature: -50°C</p> <p>Number of freezing station: 18</p> <p>Peltier numbers: 6 a ~ -60°C</p> <p>Refrigerant: R404a, 300g±10g</p> <p>Compressor oil: 0.6L EMKARATE RL-22S, ICI</p>
<p>Vertical stroke</p>	<p>Technical data</p>
<p>65 mm</p>	<p>Power supply: 220V ~ 230V at 50 ~ 60Hz</p>
<p>Horizontal feed</p>	<p>Relative humidity: 10 to 80%</p>
<p>25 mm</p>	<p>Maximum power draw: 850 V/A</p>
<p>Retraction</p>	<p>Size and weight</p>
<p>Specimen retraction: 0,5-100 µm (0.5 µm increments, can be deactivated)</p>	<p>Width: 760 mm (705 mm without hand wheel)</p>
<p>Maximum specimen</p>	<p>Depth : 700 mm</p>
<p>80 X 55 mm</p>	<p>Height: 1160 mm</p>
<p>Specimen orientation</p>	<p>Weight: 135 kg</p>
<p>Horizontal: 8, vertical: 8, rotation 360°</p>	<p>Regulatory</p>
<p>Specimen fast moving speed: Fast 900 µm/s Slow 450 µm/s</p>	<p>CE-IVD</p>

Microtomes and cryostats comparison

Cut each block carefully and maintain critical diagnostic detail. Histo-Line rotary microtomes and cryostats give skilled microtommists the precision, control and comfort they need to get the best from every block

So place a Histo-Line rotary microtome and cryostats on your bench and consistently get the best possible sections from any block, for each patient, on every day



Rotary microtome equipment

Peculiarity	Aries ARM3750	ARM3800	Gemini MRS3500-S	Libra MR3000	MR2258
Motorized drive	X	X	X		
Manual				X	X
Programmable	X	X			
Keypad control	X		X		
Retraction	X	X	X	X	
Ultra-Thin Cut	X	X	X		
Touch screen display	X		X		
Blade holder with finger safe	X	X	X	X	X
Clamp" for quick change	X	X	X	X	X
Universal biocassettes	X	X	X	X	X
All types of microtome blade	X	X	X	X	X
Wheel locked at any position	X	X	X	X	X
Wireless control pedal	X		X		
Memory position	X		X		
Electronic break	X				

Cryostat equipment

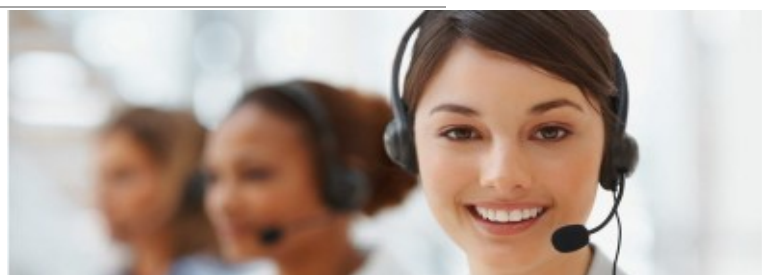
Peculiarity	MC5050	MC5000
Number of freezing station	18	18
Number of Peltier	2	6
LCD display touch-screen		X
Pad control	X	
Compressors number	1	2
Section counter	X	X
Automatic and manual defrosting	X	X
Anti roll device	X	X
Anti-fog glass window	X	X
All types of microtome blade	X	X
UVC Lamp	X	X

Book a demo from remote

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Want more information?

If you need products for cutting section, please refer to the *Histo-Line Reagents & Consumable* catalog. You can find the complete list useful special accessories that can help you.



Want to see all the available products? Look it in the *Histo-Line Reagents & Consumable* or visit the website!





4. Sectioning accessories

All In One-Water Bath-Slide Dryer
Tissue Floating Bath
Water Bath
Slide Dryer

All-In-One - Water Bath Slide Dryer

for histological samples

Ideal for reducing space and cost

HL2500

CE IVD



Three equipments for high efficiency

HL 2500 is a practical device, designed to provide in a single, compact instrument a water bath, a slide dryer and a small oven.

All temperatures can be set separately.

A useful timer allows turning off the power of the areas.

Easy-to read display allows viewing of the parameters at a glance.

Value are stored by a backup memory system.



Temperature range	Size and weight
Water Bath: 30°C ~ 90°C increments 1°C Oven: 30°C ~ 90°C increments 1°C Warmer: 30°C ~ 90°C increments 1°C Temperature accuracy: ± 1°C	Width: 510 mm Depth : 335 mm Height: 225 mm Weight: 13,6 kg
Capacity and temperature range	Technical data
Water Bath: W 180 x D 130 x H 80 mm Oven: W 210 x D 100 x H 105 mm Warmer: W 230 x D 150 x H 50 mm Slides Number: 40	Power supply: 220V ~ 50Hz or 110V ~ 60Hz Relative humidity: 10 to 80% Maximum power draw: 500 W/A
	Regulatory CE-IVD



Tissue Floating Bath

for histological samples

All the comforts in one instrument

WB2900

CE IVD



High performance of water bath

New design for this tissue floating bath for histology.

Large, **removable Pyrex bowl** and **immersion probe**.

Slide heater plate enclosed with settable temperature. Water temperature is monitored by an electronic thermostat and microprocessor.

Automatic heater Off for a safe remove of the Pyrex tank

Intuitive and **easy-to-read digital display** for temperature and time set.

Shows both actual and set temperature. **Four led** allow good lighting of water surface without glare.

Easy to clean and service.



Temperature range
Water Bath: ambient ~ 75°C increments 1°C
Pyrex bowl: 350 x 220 x 45 mm
Temperature accuracy: ± 1°C
Technical data
Power supply: 220V ~ 50Hz or 110V ~ 60Hz
Relative humidity: 10 to 80%
Maximum power draw: 500 W/A

Size and weight
Width: 420 mm
Depth : 510 mm
Height: 160 mm
Weight: 9,5 kg
Regulatory
CE-IVD

Water Bath

for histological samples

Simple, economical tissue flotation bath

WB2800

CE IVD



Simple water bath

The Water Bath WB 2800 is a simple, **economical** tissue flotation bath.

Designed to lay sections of histological samples.

The **teflon coating** allows easy cleaning.

The instrument is provided with a control panel to set and monitor the desired water temperature, overheating protection.

The water temperature is **microprocessor controlled**



Temperature range
Water Bath: ambient ~ 75°C increments 1°C
Temperature accuracy: $\pm 1^\circ\text{C}$
Technical data
Power supply: 220V ~ 50Hz or 110V ~ 60Hz
Relative humidity: 10 to 80%
Maximum power draw: 300 W/A

Size and weight
Width: 328 mm
Depth : 300 mm
Height: 96 mm
Weight: 2,4 kg
Regulatory
CE-IVD



Slide Dryer

for histological slide

Comfortable and efficient

SD2800

CE IVD



Slide dryer

The SD 2800 is a **heated inclined plate** designed to dry histological slides.

The teflon coating allows easy cleaning.

The SD 2800 is provided with a control panel to set and monitor the temperature of the heating surface.

Is equipped with **overheating protection**.

The area temperature is maintained by a microprocessor.

You can **dry up to 60 slides**



Temperature range

Water Bath: ambient ~ 75°C increments 1°C

Temperature accuracy: $\pm 1^\circ\text{C}$

Technical data

Power supply: 220V ~ 50Hz or 110V ~ 60Hz

Relative humidity: 10 to 80%

Maximum power draw: 300 W/A

Size and weight

Width: 305 mm

Depth : 335 mm

Height: 115 mm

Weight: 2,75 kg

Regulatory

CE-IVD

Differences between instruments

Through a wide range of accessories for the Histo-Line sectioning it is possible to equip the pathology laboratories in different ways depending on the space available and the operators' requests



Sectioning Accessories

Peculiarity	HL2500	WB2900	WB2800	SD2800
Adjustable temperature	X	X	X	X
Programmable	X			
Teflon surface	X	X	X	X
Microprocessor control	X	X	X	X
Parts removable	X	X		



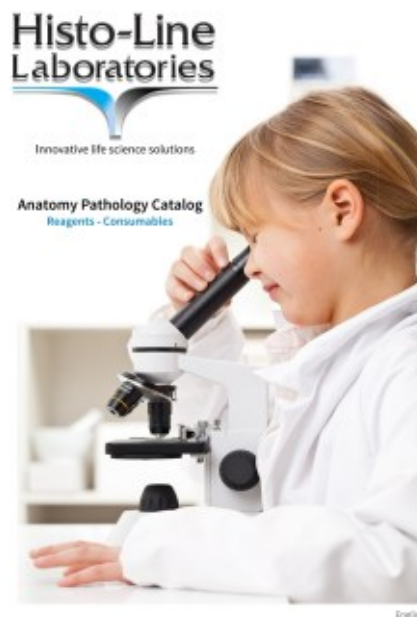


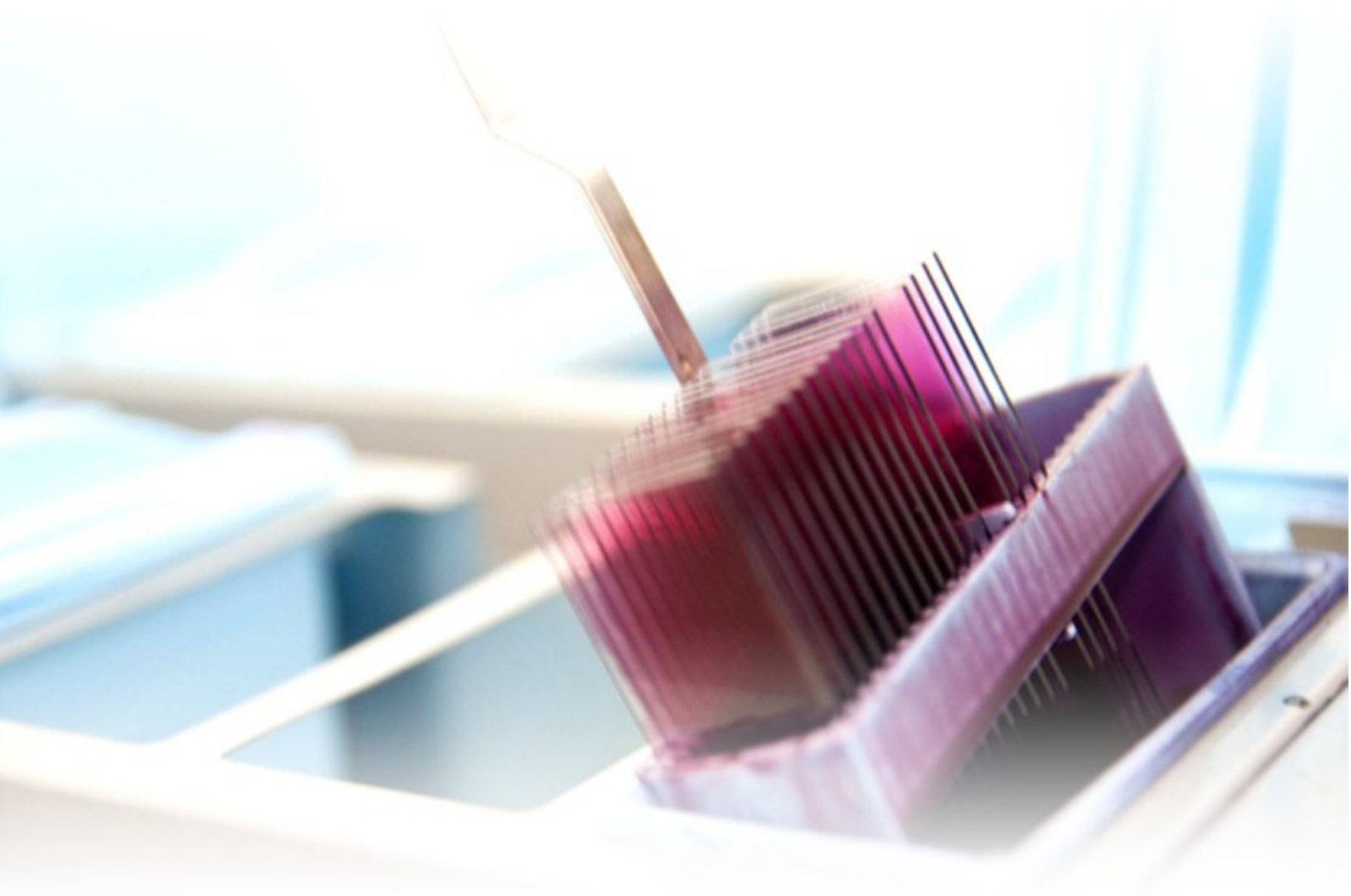
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5. Staining

Automatic staining and glass coverslipping
Automatic Multiple Slide Stainer
Automatic Slide Stainer
R53 Histo Stainer

Galaxy workstation

Automated staining and glass coverslipping workstation

Histopathology laboratory use

ATS200

CE IVD





Automatic staining and glass coverslipping for routine staining

Optimize your workflow with Galaxy and provide completed slides to the pathologist quickly and continuously throughout the day.



HIGH CAPACITY FOR HIGH WORKFLOW

Optimized protocols and freedom to define the desired staining protocol.

High productivity 360-600 slides/hour in relation to the staining protocol. A complete range of reagents



SPACIOUS TRAY REMOVABLE

After mounting, the slides are placed directly on the trays to facilitate recovery and accelerate pathologists' reading



HIGH SPECIMEN THROUGHPUT

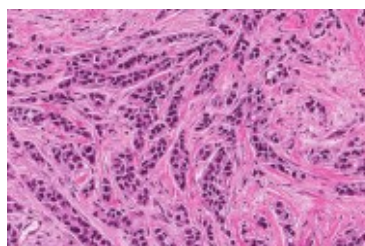
Galaxy has an innovative continuous load and unload drawer access and robot arm system that lets you continue slide processing without stopping the



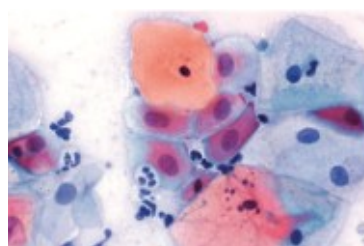
PERFORMANCE AND QUIET

The Galaxy's stainer precision made, trouble-free, robot arm moves swiftly and quietly on the x, y and z direction motion axes to process the slide racks.

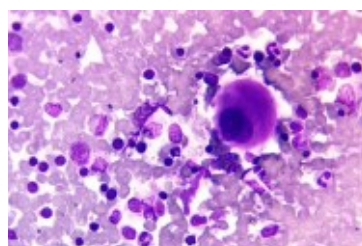
Hematoxylin & eosin



Papanicolaou stains



May Grunwald Giemsa



Wide range of accessories and consumables on request

Automatic Optimize your workflow with Galaxy

and provide completed slides to the pathologist quickly and continuously throughout the day



GALAXY S – AT ONE GLANCE...

- Compact, space saving stainer for routine applications
- High specimen throughput
- Simultaneous realization of various different staining protocols
- Exact incubation times
- Continuous slide unload/reload function without having to interrupt a staining cycle or open the lid
- Simple, menu-driven programming
- Incubation times and sequence of use of reagent stations freely programmable
- Integrated oven for optimal slide drying
- Reagent containers can be exchanged quickly and easily
- Integrated fume extraction system with activated charcoal filter



GALAXY C – AT ONE GLANCE...

- Compact, space saving coverslips
- High specimen throughput
- Compatible with different brands of baskets, slides, coverslips and mounting in the market.
- Intelligently detect the remaining number of coverslips and alarm reminders by color settings.
- High-precision operation of the mechanical arm.
- Directly output the slides to trays, so that the slides can be read directly without manual transfer to tray.
- The needle is automatically immersed and the pipeline is automatically cleaned to prevent blockage
- Closed sealing machine with activated carbon filter in air purification system and exhaust gas extraction system
- Using optical precision detection sensor, self-checking the damaged



SAFETY-FOCUSED OPERATION

- Galaxy systems reduces exposure to hazardous reagents, fumes, and loud instrument noise in your working environment, thanks to Ready-to-Use reagent bottles, ventilation system, and operating volume.
- Galaxy systems solution enables your lab staff to stain with consistent high quality and provide the right diagnosis every single time.





Galaxy workstation

Automated staining and glass coverslipping workstation

Technical features

Galaxy S - Stainer

Throughput: up to 360 H&E slides per hour
 Capacity of slide rack: 30
 Program store capacity: Up to 100
 Capacity steps: Up to 40 steps per program
 Reagent tanks capacity: 480 ml
 Total number of stations: 26
 Water flow stations: 4
 Stations in input and output drawer: 4 each, continuous loading possible with max. 150 slides
 Drying oven stations: 1
 Nominal supply voltage: 220 V/50 Hz or 110 V/60 Hz
 Power supply: 800 V/A
 Dimensions: 106x70x63 cm (W x D x H)
 Weight: 130 kg
 Certifications: CE, IVD

Galaxy C - Coverslipper

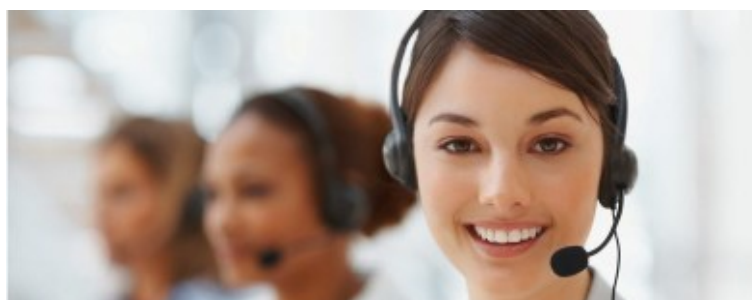
Throughput: Up to 250 slides per hour
 Usable specimen slides: In accordance with ISO 76 mm x 26 mm
 Coverslip quantity: 200 coverslips
 Coverslip size: 24x50 mm
 Tray output storage: 90 slides
 Mounting media: 250 ml, xylene or isoparaffin based
 Specimen slide holders: 30 specimen slides
 Vapor treatment: activated carbon filter
 Nominal supply voltage: 220 V/50 Hz or 110 V/60 Hz
 Power supply: 120 V/A
 Dimensions: 66x76x63 cm (W x D x H)
 Weight: 90 kg
 Certifications: CE, IVD

Book a demo from remote

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Automatic Multiple Slide Stainer

for routine staining

Histopathology laboratory use

ATS200

CE IVD





Automatic Multiple Slide Stainer

for routine staining

The system advantages



Multi-function mode

Compact, space saving H&E stainer for routine applications. **High specimen throughput**

Easy-to-clean and resistant surfaces made out of polyester epoxy resin and stainless steel



Comfortable use

Large, easy-to-read LCD touch screen panel. Ergonomic design, **integrated heating station** for drying the slides, and digital temperature control, for **simultaneous** realization of **various different staining protocols**



Stable and without vibrations

Precise **high performance stepping motor** with transmission belt, in order to ensure a balanced stroke, and noise reduction.



Lid

Covers the entire staining operations area providing user protection against reagent fumes. Lid prevent **reagents from evaporating**



High precision

The ATS200 **precision** made, trouble-free, **stainless steel robot arm** moves swiftly and quietly on the x, y and z direction motion axes to process the slide racks.



Safety for the operators

Minimized user exposure to hazardous reagent fumes. **Integrated fume extraction system** with replaceable activated charcoal filter.

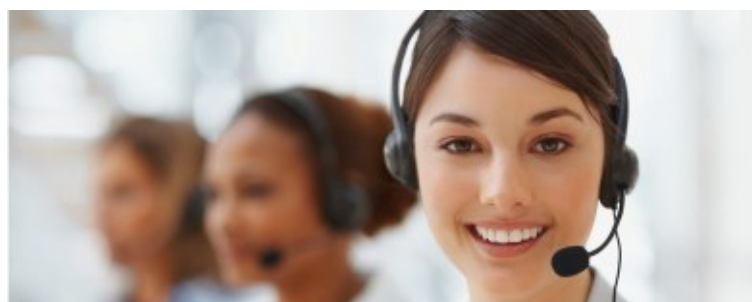
Technical support and after sale

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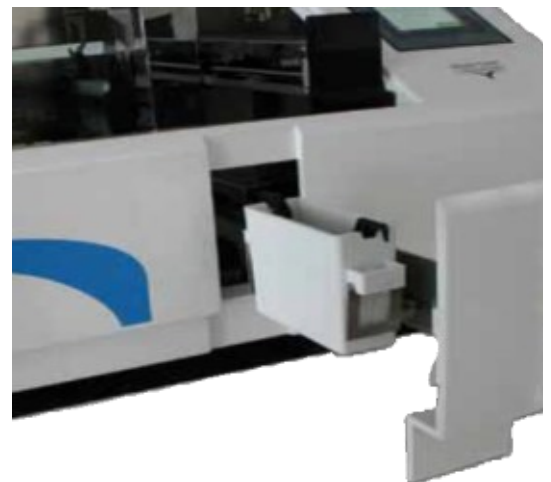
Automatic programmable routine stainer, designed for histology and cytology

Is an innovative, smart stainer for high flexibility and reliability



Only advantages

Equipped with a **photoelectric switch** in a fixed position, able to **memorize the position** and automatically restores functions. **Freely programmable functions** like immersion and incubation times, agitation and the station sequence.



Without breaks

The ATS200 has an innovative **continuous load and unload** drawer access and robot arm system that lets you **continue slide processing without stopping** the instrument's operation.



Programmable for high capacity

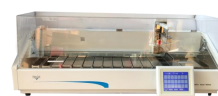
Ability to store and run up to 20 different user defined staining protocol.

Each rack holds **30 slides** in vertical position. Can process up to 11 racks at one time. Designed to minimize carry over of reagents



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for staining



ATS2010
Automatic Slide Stainer



R53
Histo Stainer



Automatic Multiple Slide Stainer

for routine staining

Technical features

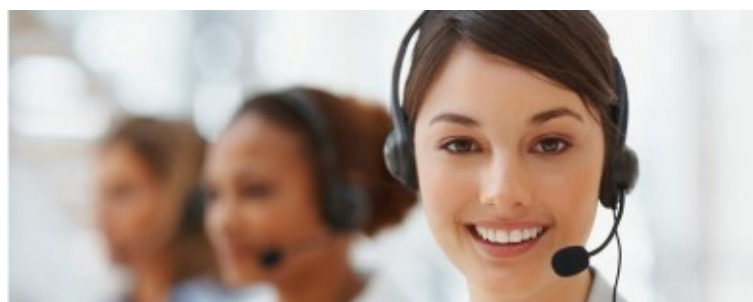
<p>Productivity</p> <p>Capacity: At least 200 specimen slides for hour (depend on the selected program)</p> <p>Loading: 5 slides rack</p> <p>Slide rack capacity: 30 specimen slides</p> <p>Oven and temperature: 1, from ambient temperature to 85 °C</p> <p>Total reservoirs: 26</p>	<p>Software</p> <p>Large touch screen liquid crystal display (LCD) 14 "</p> <p>Programs: 20 freely settable up to 50 programs steps each</p> <p>Incubation time setting: from 0 sec. up to 9999 sec.</p> <p>Temperature accuracy: $\pm 1^{\circ}\text{C}$</p> <p>UPS: (Optional) in order to carry out the work during power failure.</p> <p>Max. delay time: 99 hours , 59 minutes</p>
<p>Reagent capacities</p> <p>Number of stations: 26</p> <p>Number of Reagent Stations: 18</p> <p>Reservoir volume: 600 ml</p> <p>Load/unload stations: 1 each</p> <p>Number of wash stations: 3</p> <p>Number of wait stations: 3</p> <p>Fume extraction system: Charcoal filter and smoke</p> <p>Temperature cleaning reagents: 50°C - 65°C</p> <p>Filling / drain time: up to 5 min</p>	<p>Size and weight</p> <p>Width: 120 cm</p> <p>Depth : 50 cm</p> <p>Height: 60 cm</p> <p>Weight: 110 kg</p>
<p>Technical data</p> <p>Power supply: 220 V ~ 50 Hz or 110 V ~ 60 Hz</p> <p>Relative humidity: 10 to 80%</p> <p>Maximum power draw: 300 W</p>	<p>Regulatory</p> <p>CE-IVD</p>

Book a demo from remote

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Automatic Slide Stainer

for routine staining

Histopathology laboratory use

ATS2010

CE IVD





Automatic Slide Stainer double basket for routine staining

The system advantages



Multi-function mode

Two different programs can be run at the same time. Two or more baskets can run the same or different running programs simultaneously. You can get the staining according to the type of protocol you want to use.



Comfortable use

The **color LCD touch screen** display is icon-based, showing all operating parameters and being intuitive and intuitive. Can directly modify the parameters on the icon display, touch screen operation, easy to use.



Stable and without vibrations

Precise **high performance stepping motor** with transmission belt, in order to ensure a balanced stroke, and noise reduction.



Lid

Covers the entire staining operations area providing user protection against reagent fumes. Lid prevent reagents from evaporating.



High precision

The ATS2010 **precision** made, trouble-free, **stainless steel robot arm** moves swiftly and quietly on the x, z direction motion axes to process the slide racks.



Safety for the operators

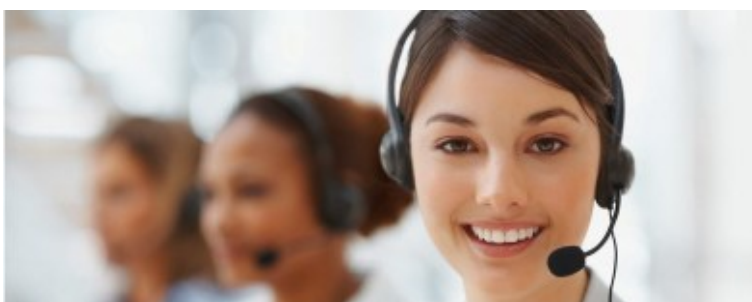
Minimized user exposure to hazardous reagent fumes. **Integrated fume extraction system** with replaceable activated charcoal filter.

Technical support and after sale

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Automatic programmable slide stainer, double basket

Is an innovative, smart stainer for high flexibility and reliability in histopathology



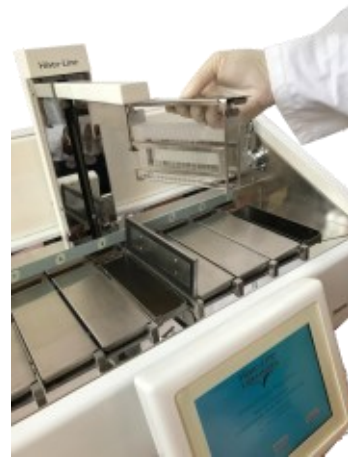
Easy management

Setting timing of starting up machine during 0-99 hrs 59 mins and automatically showing finish time, make sue task is finished in stipulated time. **Self-control fan**, it automatically starts up once basket goes up.



Working clean

All functions, **menu-driven programming** incubation times and the sequence of use of the reagent stations are freely programmable and controlled by reliable and simple software.



High capacity and high precision

Precise and **high performance stepper** and transmission belt, in order to ensure a balanced stroke, and a noise reduction.



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for staining



AT9200
Automatic Multiple Slide Stainer



R53
Histo Stainer



Automatic Slide Stainer

for routine staining

Technical features

Productivity
Capacity: 38 slides per basket, and work simultaneously with 2 baskets with a maximum capacity of 76 slides
Loading: 2 slides rack
Slide rack capacity: 38 specimen slides
Oven and temperature: 1, from ambient temperature to 85 °C
Total reservoirs: 18
Reagent capacities
Number of stations: 18
Number of Reagent Stations: 15
Reservoir volume: 1000 ml
Load/unload stations: 1 each
Number of wash stations: 1
Fume extraction system: charcoal filter and smoke
Filling / drain time: up to 5 min
Technical data
Power supply: 220 V ~ 50 Hz or 110 V ~ 60 Hz
Relative humidity: 10 to 80%
Maximum power draw: 400 W

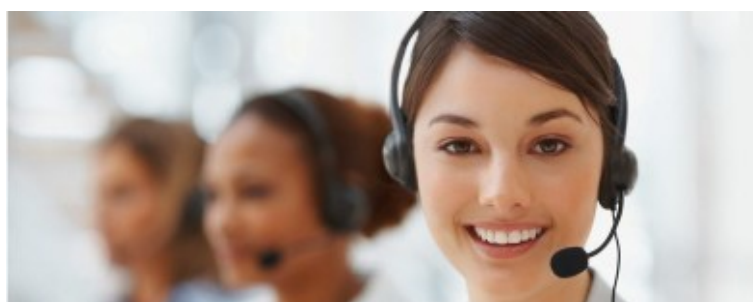
Software
Large touch screen liquid crystal display (LCD) 14 "
Programs: 9 freely settable
Incubation time setting: from 0 sec. up to 9999 sec.
Temperature accuracy: $\pm 1^{\circ}\text{C}$
UPS: (Optional) in order to carry out the work during power failure.
Max. delay time: 99 hours , 59 minutes
Size and weight
Width: 140 cm
Depth : 50 cm
Height: 55 cm
Weight: 110 kg
Regulatory
CE-IVD

Book a demo from remote

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Histo Stainer compact automatic slide stainer

for MOHS and special stains procedure

Histopathology laboratory use

R53

CE IVD





Histo Stainer compact automatic slide stainer for MOHS and special stains procedure

The system advantages



Function mode

Mini automated slide stainer (benchtop unit) for simultaneous routine staining of various slide racks with different staining protocols features an Instrument screen to monitor the staining process continuously.



Specificity use

Is the perfect instrument for **routine staining in a MOHS** lab. It also meets the requirements for special, user-specified staining protocols for **special stains**



Stable and without vibrations

Precise **high performance stepping motor** with transmission, in order to ensure a balanced stroke, and noise reduction.



Customizable use

User can **load slide racks randomly**, achieving efficiency and high throughput staining.



High precision

The R53 **precision** made, trouble-free, **stainless steel robot arm** moves swiftly and quietly on the x, z direction motion axes to process the slide racks.



Easy to use

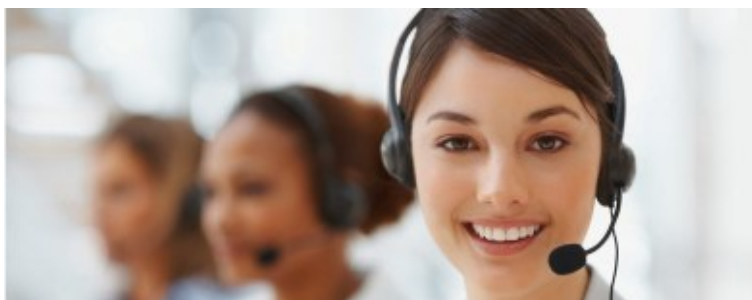
Easy touch screen programming can show times in each cup, or location of each rack

Technical support and after sale

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Technical Support Equipments: techservice@histoline.com 



Mini automated slide stainer for simultaneous routine staining

For special stains and in a MOHS lab



Easy management

Stations can all be programmed **for individual times** (not fixed time in each cup).



Working clean

All functions, **menu-driven programming** incubation times and the sequence of use of the reagent stations are freely programmable and controlled by reliable and simple software.



High speed and high precision

Will jump over slower operation resulting in the fastest staining possible

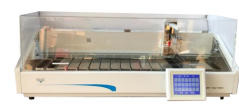


Wide range of accessories and consumables on request

Histo-Line complete range of solutions for staining



ATS200
Automatic Multiple Slide Stainer



ATS2010
Automatic Slide Stainer



Histo Stainer compact automatic slide stainer

for MOHS and special stains procedure

Technical features

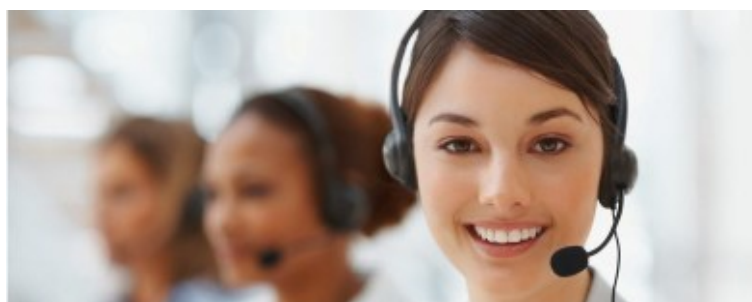
<p>Productivity</p> <p>Capacity: can process up to 5 racks (6-slides) simultaneously</p> <p>Loading: 5 slides rack max</p> <p>Slide rack capacity: 6 specimen slides</p> <p>Total reservoirs: 20</p>	<p>Software</p> <p>Large touch screen liquid crystal display (LCD) 14 "</p> <p>Programs: 10 programs of up to 50 steps each</p> <p>Immersion time at each station: 0-60m 59s</p> <p>Temperature accuracy: $\pm 1^{\circ}\text{C}$</p> <p>Real-time alert when an error occurs</p> <p>Max. delay time: 99 hours , 59 minutes</p>
<p>Reagent capacities</p> <p>Number of stations: 20</p> <p>Stations 1-17 can all be water stations by removing the plug at the bottom of cup</p> <p>Reservoir volume: 135 ml</p> <p>~10 s dripping above cup</p> <p>Class II Medical Electrical Equipment</p>	<p>Size and weight</p> <p>Width: 705 mm</p> <p>Depth : 280 mm</p> <p>Height: 300 mm</p> <p>Weight: 20 kg</p>
<p>Technical data</p> <p>Power supply: 220 V ~ 50 Hz or 110 V ~ 60 Hz</p> <p>Relative humidity: 10 to 80%</p> <p>Maximum power draw: 400 W</p>	<p>Regulatory</p> <p>CE-IVD</p>

Book a demo from remote

Histo-Line offers a complete technical support for you. We find together the best solution for you and your instrument in certain and quick times.

Technical Support Products specialist@histoline.com 

Technical Support Equipments techservice@histoline.com 



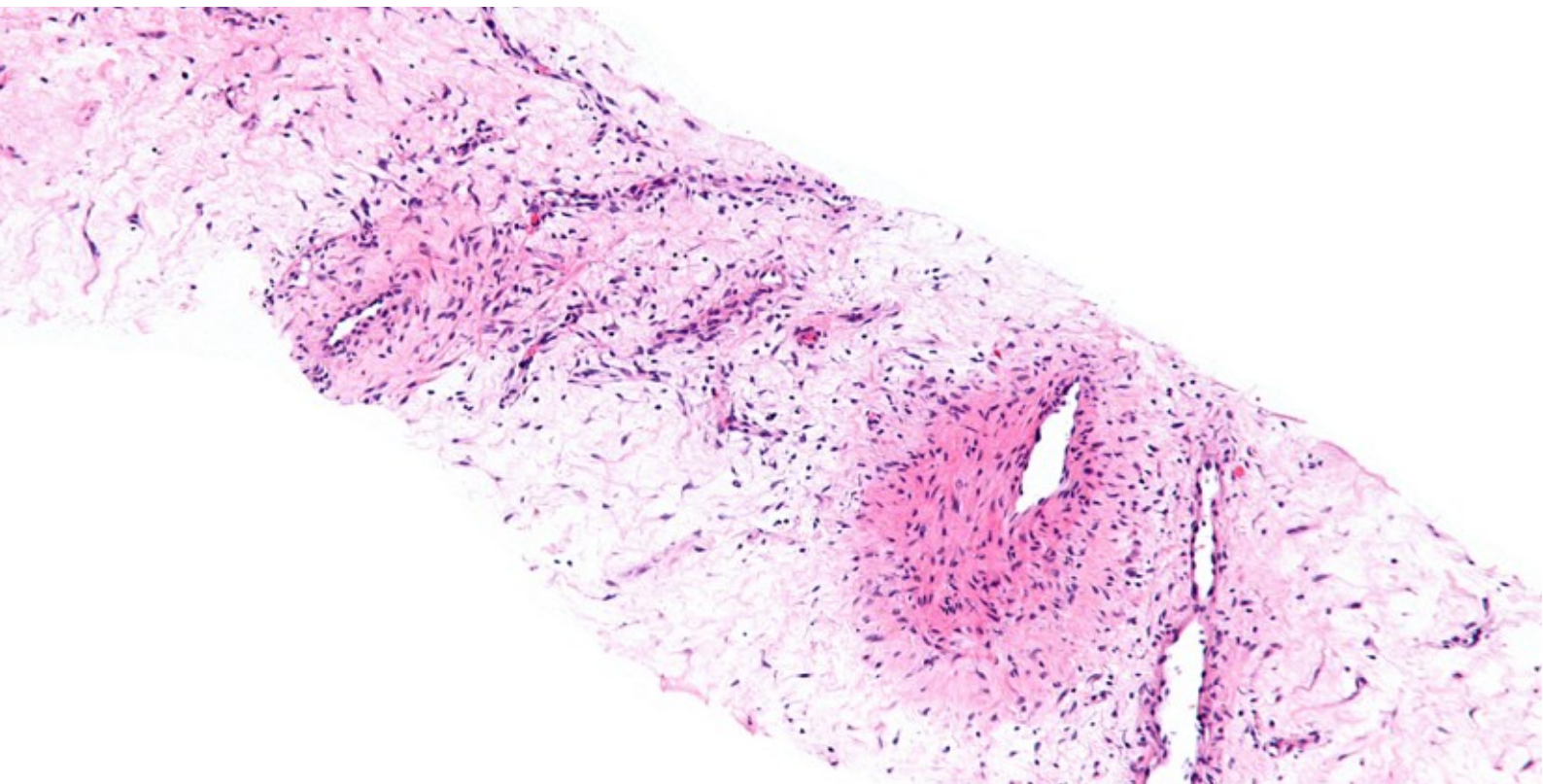
Automatic slide stainer comparison



Pathologists use your slides to make life-changing diagnostic decisions. Make sure they have the clear detail they need for every patient. Histo-Line understands that high-clarity stains depend on great reagents, precision stainers and good practice. So a Histo-Line routine staining solution integrates stain, stainer and expert advice. Choose a Histo-Line staining solution for a high-efficiency path to consistent staining, and diagnostic confidence.

Automatic slide stainer

Peculiarity	ATS200	ATS2010	R53
Different staining protocols	X		X
Continuous unload & reload	X	X	X
LCD touch screen panel	X	X	X
Number of program	5 programs up to 24 programs steps each	6	10
Number of slide	At least 200 specimen slides for hour	94 specimen (47 color slides for basket)	5 racks (6-slides) simultaneously
Number of stations available	26	18	20
Loading	6 slides rack	2 slides rack	6 slides rack
Oven	X	X	
Microprocessor control	X	X	X
All types of slide standard	X	X	X
Active carbon filter	X	X	
System alarm	X	X	X





Want more information?

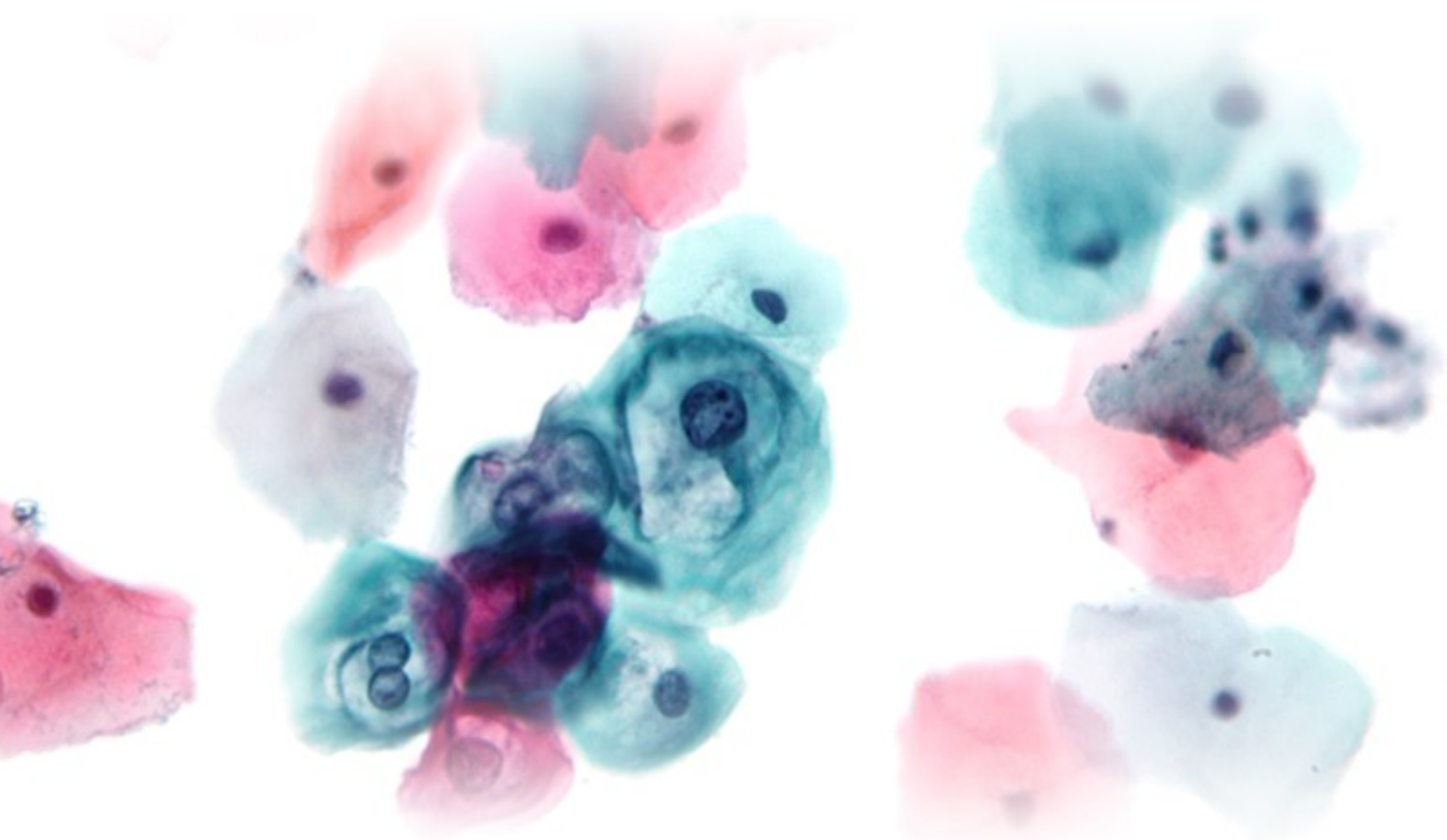
If you need products for cutting section, please refer to the *Histo-Line Reagents & Consumable* catalog

You can find the complete list useful special accessories that can help you.



Want to see all the available products? Look it in the *Histo-Line Reagents & Consumable* or visit the website!





6. Cytology

Cytological Centrifuge

Citospin - Cytological centrifuge

for cytological samples

Multi-Applications use

SP-100

CE IVD





Citospin - Cytological centrifuge for cytological samples

The system advantages



Multi-function mode

Use for **cytology, virology, microbiology, hematology oncology**, and research/general use



Stable and without vibrations

Process **twelve specimens** at one time, allowing for several protocols at once



Safety to use

Electronic security lock that prevents the rotor cover from being opened during centrifugation.

Gentle stop and fast braking pre select 10 braking rates.



Reliable Quality

Microprocessor controlled centrifuge

programmable to save and recall up to 10 protocols.

The **rotor positioning error** is detected and immediately reported to the operator



Flexible

Control panel allows user to control power and **time**, and **monitor speed**



Easy cleaning

Fully **removable rotor** for easy cleaning.

Leak-proof lid to prevent reagent evaporation



Safety for your samples

Warning indicators for imbalance, over speed, door open, setting failure, rotor imbalance.

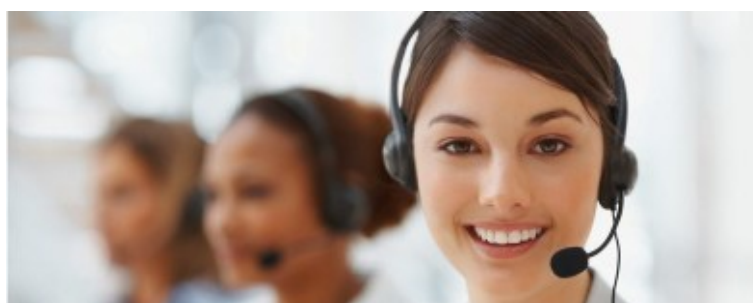
Technical support and after sale

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We find together the best solution for you and your instrument in certain and quick times.

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The cytological centrifuge, designed for clinical and research procedure

Is an innovative, smart centrifuge for routine cytology applications and research field



Only advantages

The Cytospin SP-100 is designed for the separation of **cells present in body fluids**, suitable for use with **urine, sputum, ascites and cerebrospinal fluid**.

Use of single-use funnel, the sample chambers are suitable to satisfy any laboratory requirement.

Simple Principle

Using centrifugal principles, the cyto-centrifuge deposits cells onto a clearly defined area of a glass slide and allows for the absorption of the residual fluid into the sample chamber's filter card.

Not only in cytology use

A cost-effective and time-effective way to make quality thin-layer cell preparations

Excellent for molecular studies, specialized staining applications and EM

Used in **veterinary, dental** and **chemosensitivity** protocols



Disposable cuvette

For single use with Cytospin cyto-centrifuge applications. The cuvettes are a disposable sample chamber **with or without filter card**

Histo-Line accessories and consumables for Cytospin

E 01	Cytocuvette for cyto-centrifuge without absorbent cardboard	500 pcs
E 10	Cytocuvette for high absorption cyto-centrifuge	500 pcs
E 20	Cytocuvette for cyto-centrifuge medium absorption	500 pcs
4461	Stainless steel clip for Cytospin	1 pc

Wide range of accessories and consumables on request



Citospin - Cytological centrifuge

for cytological samples

Technical features

Capacity
Maximum RPM: 200 – 2000 RPM
Maximum RCF: 550 G
Maximum capacity: 12 slide x 6 cc
Specimen range: 0,5 to 6 cc
Program
Programs: 100 memory
Timer: 99 min 59 sec or "free" for long run
Digital display: Speed, Time, Brake, Program
Technical data
Power supply: 220 V ~ 50 Hz or 110 V ~ 60 Hz
Relative humidity: 10 to 80%
Maximum power draw: 500 W

Motor
Drive motor: High torque DC Motor
Digital display: speed, time, brake, program
Noise level: ~ 61 dB
Acceleration speed: 10 settings
Braking speed: 10 settings
Size and weight
Width: 405 mm
Depth: 500 mm
Height: 325 mm
Weight: 32 kg
Regulatory
CE-IVD

Book a demo from remote

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Technical Support Equipments techservice@histoline.com 

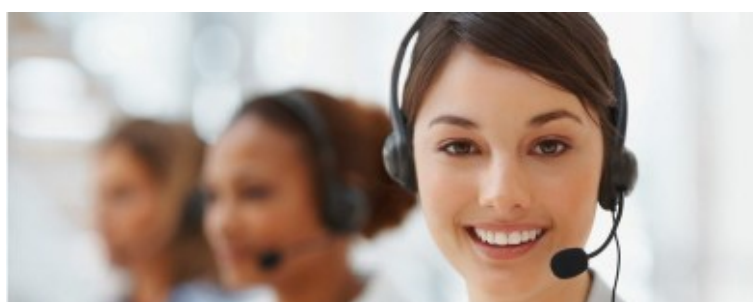




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Histo-Line services and solutions



Talk to us

Chat with experts online (Skype) or have us call you right away. You can also schedule a time for us to call you when you're ready. Answer a few questions and we'll give you the best options.



Assistance

To answer all of your questions trying to provide you our best assistance on the products and equipment purchased:

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Technical Support Instruments: techservice@histoline.com

Contacts



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Technical Products: +39 0256230061 (N° Internal 3)



Instruments Technical: +39 0256230061 (N° Internal 4)

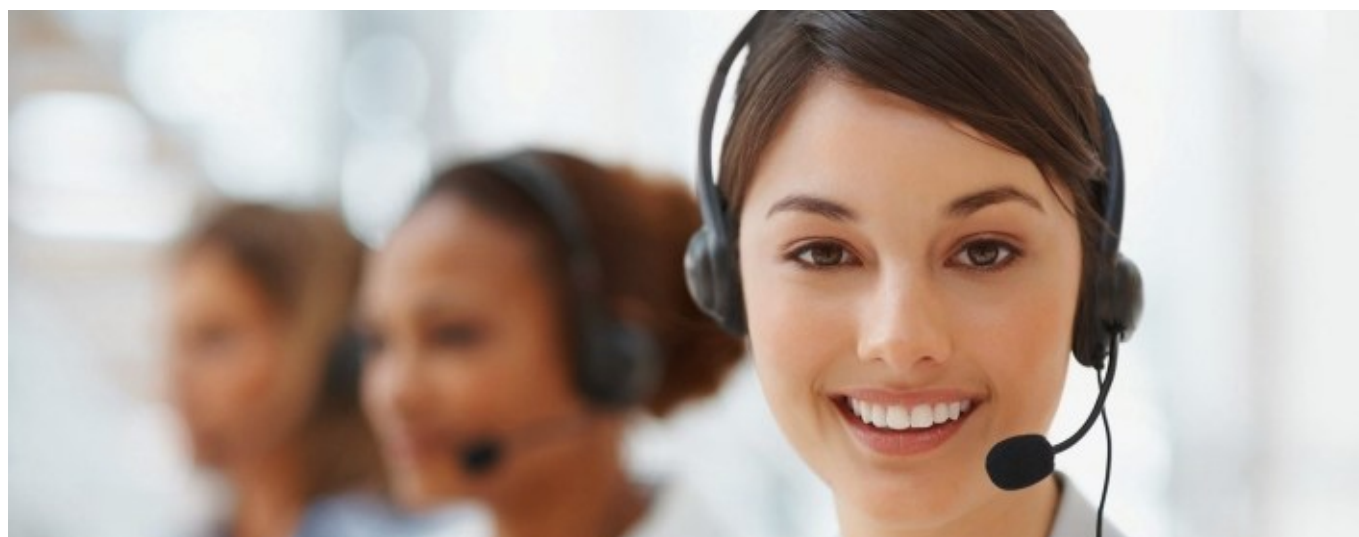


Fax all departments: +39 0256213764

For email contacts go to the website in "contacts" click "send email" fill the form and choose the reason for the request: technical, sales, support, request for price quotation. The service is available at work offices Italian hours Am 8:30-12:30 Pm 13:30-17:30.

Customer Area

In customer area log-in allows to consult operator manuals, product, technical data sheet and safety data sheet.



Export Contacts



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Customer and Order Management LATAM : export2@histoline.com



Technical Products: specialist@histoline.com



Instruments Technical: techservice@histoline.com



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