

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
	Depth (including tray): 580 mm
	Depth (excluding tray): 510 mm
	Height: 340 mm
	Weight: 40 kg
Retraction	Certifications
Manual mode: 5-100 µm in increments of 5 µm	CE-IVD
Automatic mode: according to speed, can be deactivated	
Specimen orientation	
Horizontal: 8 , vertical: 8 , rotation 360°	

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Applications of routine histopathology

MRS3500



For up-to-date features, please refer to the instrument data sheet.
Technical specifications are subject to change without notice.

Distributed by:

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English

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The system advantages



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



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



ERGONOMICS

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.



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**. **S13**
Blade removal system and blade holder with cutting protection for operator's safety



S15

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

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.



S10

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.

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



Wide range of accessories and consumables on request

Histo-Line complete range of solutions for Microtomy



MRS3750
Aries
Automatic Microtome



MR3000
Libra
Manual Microtome