## Gemini - Semi Automatic Microtome for histological samples

# MADE IN ITALY Your partner in histology



## Technical features

### Sectioning 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

#### Movable range for the blade holder basal

Forward/Backward: ±65 mm

Left / Right: ±40 mm

#### Vertical stroke

72 mm ±1 mm

#### Specimen feed

30 mm ±1 mm

#### Retraction

Manual mode: 5-100 µm in increments of 5 µm

Automatic mode: according to speed, can be deactivated

#### Spiecimen orientation

Horizontal: 8, vertical: 8, rotation 360°

#### Trimming thickness setting range

Range of the slice thickness: 1 - 600 µm

1 to 10 µm in 1 µm increments

10 to 20  $\mu m$  in 2  $\mu m$  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

#### Maximum specimen size

Standard clamp (HxWxD): 55x50x30 mm

Super mega cassette clamp (HxWxD): 68x48x15 mm

#### Specimen speed

Variable speed: 0,5 - 420 mm/s ± 10%

#### Size and weight

Width: 475 mm

Depth (including tray): 580 mm

Depth (excluding tray): 510 mm

Height: 340 mm

Weight: 40 kg

#### Certifications

CE-IVD

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

#### Distribuited by:



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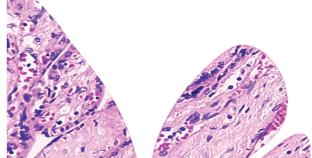
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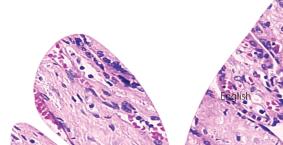
Applications of routine histopathology

MRS3500









## Gemini - Semi Automatic Microtome for histological samples

## 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



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



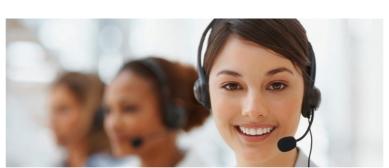
### Multi-function mode

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



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

Technical Support Products specialist@histoline.com Technical Support Equipments techservice@histoline.com \*\*X



### The precision to cut

Microtome for cut quality sections with consistent

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





All functions are controlled, space-saving control panel

with display and buttons allow you to make changes in **S15** 

# 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

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













Automatic Microtome



Manual Microtome