

## Quick Compare Chart

Specification \ Type	 S700 Semi-Auto microtome	 S700A Fully-auto microtome
Section thickness setting range: 0.50 - 100 μm	√	√
Trimming section thickness setting range: 1 - 800 μm	√	√
Electric sectioning speed: 0-1800μm	√	√
Specimen retraction: 0-250μm adjustable	√	√
Horizontal stroke: 28mm	√	√
Vertical stroke: 70mm	√	√
Specimen orientation: X/Y 8°	√	√
Maximum specimen size: 55*50*30mm	√	√
W x D x H: 483mm×553mm×305mm	√	√
Machine Weight	√	√
Fully automatic semi-automatic slicing mode switching	28KG	36.4KG
Emergency stop button		√
Slice window		√
Slice speed selection		√
Four auto section modes: Cont., Int., Single, Multi		√
Pedals		√
		√

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# RWD



Precise and safe Intelligent and convenient

## Minux<sup>®</sup> Rotary Microtomes

S700A/S700

## Precise

### Visual pointer

- Visible angle adjustment. When adjusting the angle of different tilt tissue, reduce trimming, thereby reducing tissue sample waste.
- Adjust multiple devices to the same angle easily and quickly.



### The key parts

- The stepping motor system makes the sample feed high precision.
- With high-precision guide rails, the hand-wheel rotates lightly and smoothly, the slice thickness is uniform.

### High precision blade holder

When the same sample is moved sideways to change for the new knife edge, it can be cut within 5 times.

Scales on the knife holder to determine the best position of the blade holder.

## Intelligent

- 5 inch touch screen, stylish and simple operation interface, easy to learn and use.

### Automatic section

- It is stable and maintains slice consistency.
- Some specimens such as embryos and brains need to be cut for hundreds of pieces. It is hard for you, but easy for automatic section.

### Data management

- 2000 operation and alarm logs are stored, convenient for backtracking when the machine fails.
- 2 million slice count storage, 20 million  $\mu\text{m}$  slice total thickness storage.
- USB interface to export data, or subsequent system software upgrade.

### Memory position

- The machine stores a sampling position, supports one-key reset.



## Safe

### Humanized handwheel lock design

- Electronic brake: when the automatic section is stopped, the handwheel will be locked for your safety.
- The lock on the top of the handwheel: the handwheel can be braked in the 12 o'clock position to reduce the risk of injury.
- Any position lock: the handwheel can be braked in any position.



### Knife guard device

- The knife guard covers the blade to avoid potential injuries during operation.

### emergency stop button

- Press the red stop button to stop automatic section in an emergency.

## Convenient

### Side sample feeding knob

- Integrated with the body, ergonomic design, more comfortable operation.
- The sample feeding speed can be adjusted freely between 0-1800 $\mu\text{m}/\text{s}$ , more humanize and efficient.
- Durable military-grade devices. Operation life is more than 10 million times.



### Rock mode

- Simplify the operating process, for rotate handwheel between 12 and 9 o'clock, or between 12 and 3 o'clock when trimming.

### Easily removable waste tray

- With magnetic function, easy to disassemble and install.
- Antistatic waste tray, easy to clean up, shorten the cleaning time to a few seconds.

5-inch large touch screen,  
easy to operate

Side sample feeding  
knob, make operation  
more comfortable

Knife guarding , protect  
the safety of the operator

Visual pointer ,  
visible angle adjustment

Double locking system for  
handwheel to keep safe

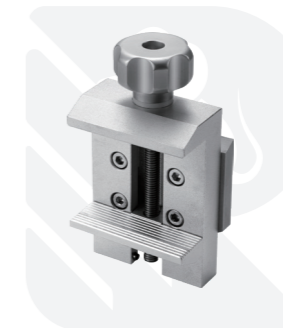
Section thickness range  
0.5-100µm  
0.5 - 5.0 µm in 0.5µm increments  
5- 20µm in 1µm increments  
20 - 30 µm in 2µm increments  
30- 60 µm in 5µm increments  
60- 100µm in 10µm increments



## Optional accessories



Universal clamp  
S700-F3



Standard clamp  
S700-F4



Blade holder assembly  
S700-F7



Blade holder upper bracket  
S700-F9



Easy-clean waste tray  
S700-F5



Antistatic waste tray  
S700-F6

## Pathology Consumables

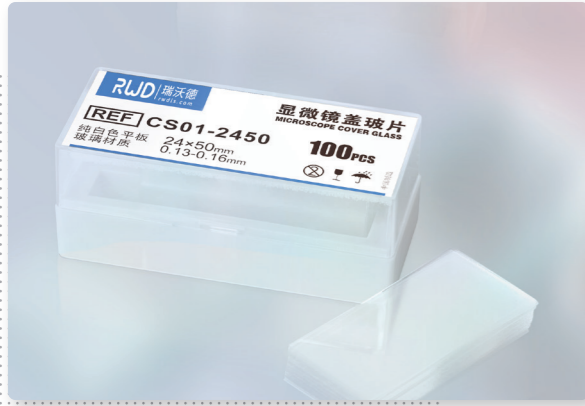


### Disposable Microtome Blades-low profile

#### Features

- Sharp and durable, cost-effective
- For rotary microtomes and cryostats use
- Packed in a push-out distribution box for easy access

Cat No.	Product Description
PB-1 Pro	Disposable Microtome Blades, 80mm*8mm*0.25mm, 50 pcs, for paraffin and frozen section



## Microscope Cover Glass

### Features

- Pure white flat glass material, with good optical performance, stable molecular structure, flat surface and highly consistent size.
- Packed in hinged plastic box and vacuum-packed with independent aluminum foil.
- For manual operations of histopathology, cytology, urine analysis, and microbiology, such as manual sealing, manual blood smear, etc.

Cat No.	Size	Package	Product Description
MC-1	24×50mm, thickness 0.13-0.16mm	100pcs/box, 2000pcs/carton	For manual operations of histopathology, cytology, urine analysis, and microbiology



## Microscope Paint Slides

### Features

- With special white painted writing surface.
- Available for print, effectively reduce the possibility of human error and improve the sample's identification and traceability

Cat No.	Size	Package	Product Description
MS-1	25x75x1.1mm	50pcs/box, 2000pcs/carton	Pathological grade, polished edges, 45° angle, white, for inkjet/thermal printer
MS-1	25x75x1.1mm	50pcs/box, 2000pcs/carton	Pathological grade, polished edges, 45° angle, white, for laser printer

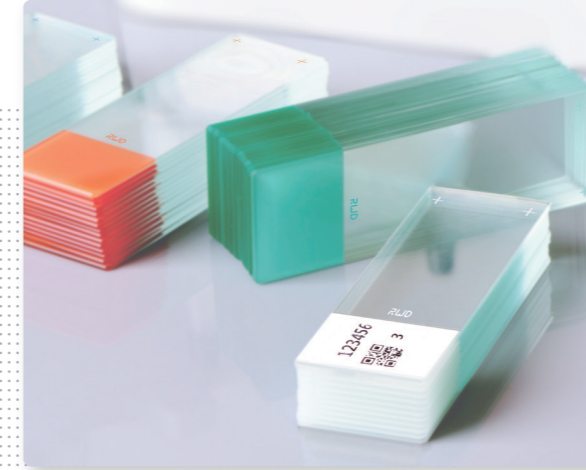


## Single Frosted Microscope Slides

### Features

- It can be marked by traditional labeling method, 2B pencil and designated marker. Not available for print.
- There is a 20mm long frosted writing surface on one side of one end, which can withstand common chemicals and dyes.

Cat No.	Size	Package	Product Description
SF-1	25x75x1.1mm	50pcs/box, 2500pcs/carton	Pathological grade, polished edges, 45° angle

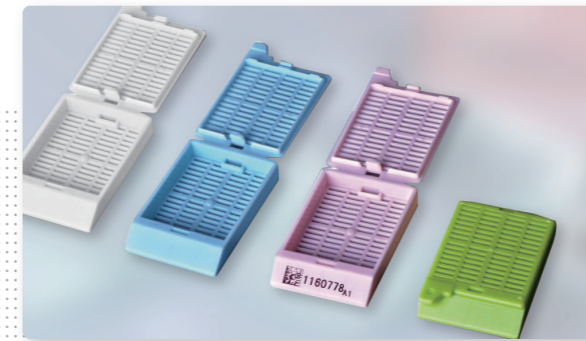


## Adhesion Microscope Slides

### Features

- Suitable for immunohistochemical staining; routine H&E and eosin staining of special tissue sections like brain, adipose, kidney, bone; tissue chip.
- Carrying long-lasting positive charges, which can tightly fix tissue sections or cells on the surface of the slide. Excellent performance in acid and alkali antigen repair solution.

Cat No.	Size	Package	Product Description
AS-1	25x75x1.1mm	50pcs/box, 2000pcs/carton	Positively charged slide, white, Suitable for manual immunohistochemical staining, Leica and Dako automatic immunohistochemical staining
AS-1	25x75x1.1mm	50pcs/box, 2000pcs/carton	Super hydrophilic adhesive slide, white, Suitable for Roche Ventana automatic immunohistochemical staining, as well as centrifugal, membrane and sedimentation liquid-based cytology production



## Tissue Embedding Cassettes

### Features

- Siamese breakable design, simple and convenient operation.
- P.O.M material, resistant to corrosion by various chemical solvents during tissue treatment and embedding.
- 45° writing surface, suitable for most inkjet, thermal transfer, automatic printers.
- The drawer-type middle box is more convenient to store and take.

Cat No.	Size	Package	Product Description
TE-1	Long hole shape, 5.0mmx1.0mm	250pcs/box, 2000pcs/carton	Lid with break, white, suitable for inkjet and thermal printer, suitable for routine histology samples
TE-2	Long hole shape, 5.0mmx1.0mm	250pcs/box, 2000pcs/carton	Lid with break, white, suitable for laser printer, suitable for routine histology samples
TE-3	Fine grid hole, 0.9mmx0.9mm	250pcs/box, 2000pcs/carton	Lid with break, white, suitable for inkjet and thermal printer, suitable for biopsy samples
TE-4	Fine grid hole, 0.9mmx0.9mm	250pcs/box, 2000pcs/carton	Lid with break, white, suitable for laser printer, suitable for biopsy samples