

## Cryostat Microtome



### Applications:

It is an essential product for rapid sectioning of pathological tissues, and is mainly suitable for quick frozen sectioning in large, medium and small hospitals, medical colleges, research institutes, animal husbandry, histology, pathology, forensic identification, etc.

### Features:

- \* This machine adopts a more reasonable structural design suitable for scientific research, clinical, large, medium, small, and hospital pathological frozen sections.
- \* Four key cooling points are designed, all of which can be automatically adjusted according to the temperature required for slicing to ensure the speed and quality of slicing.
- \* The mechanical parts of the slicer are all made of high-quality materials, precision processed and assembled, and the core is a closed structure, free of maintenance.
- \* Knife feeding and retracting are electric control.
- \* There is no need to turn on day and night, no need to pre-cool, and it will enter the frozen state within ten minutes after turning on.
- \* The trimming thickness and slice thickness can be set by yourself.
- \* It has two functions of automatic defrosting and manual defrosting.
- \* Editing and slicing can be freely converted.
- \* It has lighting and ultraviolet disinfection functions, and the freezer is equipped with a water pipe, which is convenient for cleaning.

### Technical Parameters:

Model	BK-2328
Section Thickness Range	1~100µm
Trimming Thickness Range	10~400µm
Retraction Range	0~200µm
Chamber Temp. Range	-10°C to -40°C
Specimen Head Temp. Range	-10°C to -40°C
Time to The Lowest Temperature	60min
Lowest Temp. of Refrigerating Table	-45°C
Lowest Temp. of Refrigerating Table with Peltier Refrigeration	-60°C
Max Specimen Size	φ55mm
Specimen Vertical Stroke	60mm
Specimen Horizontal Stroke	20mm
Electric Coarse Feed	Rapid 0.7mm/s, slow 0.35mm/s
Power Supply	AC220V,50/60Hz(Standard); AC110V, 60Hz(Optional)
Power	1500W
External Size(W*D*H)	770*840*1190mm
Packing Size(W*D*H)	860*930*1400mm
Net Weight	160kg
Gross Weight	198kg

## Tissue Embedding Center



### Features:

- \* Fully automatic program control, can be preset to start any day within a week.
- \* The temperature control adopts a single-chip microprocessor controller, and the temperature setting is simple.
- \* Using a new type of heating element, the heating is fast, the heating is uniform, and the energy saving is reliable.
- \* Equipped with a small cooling platform, the base mold paraffin can be quickly pre-cooled.

### Technical Parameters:

Model	BK-TEI
Thermal Temperature Range	RT~80°C
Control Temperature Precision	±3°C
Timing Range	0~24h
Paraffin Chamber Size	350*145*80mm
Thermal Storage Size	205*145*60mm, two pcs
Working Area Size	500*145mm
Power	1100W
Power Supply	AC220V,50/60Hz(Standard); AC110V, 60Hz(Optional)
External Size(W*D*H)	525*550*500mm
Net Weight	36kg
Packing Size(W*D*H)	650*660*660mm
Gross Weight	43kg

## Tissue Cooling Center

### Features:

- \* Environmentally friendly fluorine-free refrigerant is selected, with low noise and fast cooling effect.
- \* The temperature control adopts a single-chip microprocessor controller, and the temperature setting is simple.
- \* With temperature control mode and super cooling mode, high temperature control accuracy.
- \* The cooling temperature can be adjusted to achieve the ideal cooling effect.



### Technical Parameters:

Model	BK-CPIV
Temperature Control Range	5 to -20°C(Max to -28°C)
Control Temperature Precision	±3°C
Working Area Size	360*300mm
Number of Embedding Cassettes	90pcs
Power	300W
Power Supply	AC220V,50/60Hz(Standard); AC110V, 60Hz(Optional)
External Size(W*D*H)	350*630*400mm
Net Weight	23kg
Packing Size(W*D*H)	500*800*590mm
Gross Weight	43kg

Remark: The above two products should be used together.