

## 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 on 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, fast heating, uniform heating, energy saving and reliable
- \* Double overheating protection device, safe and reliable
- \* With memory function, automatically retain the preset temperature after operation
- \* Novel appearance, split design, embedding machine, freezing table, random combination
- \* Enlarging the left and right boxes, suitable for all kinds of dehydration baskets, the inner and outer boxes are separated, easy to clean and maintain
- \* Equipped with a metal hose magnifying glass, it is suitable for very small sample tissue operations

### Technical Parameters:

| Model                         | BK-TEV                                            |
|-------------------------------|---------------------------------------------------|
| Thermal Temperature Range     | RT~80°C                                           |
| Control Temperature Precision | ±3°C                                              |
| Timing Range                  | 0-24h                                             |
| Paraffin Chamber Size         | 650*130*97mm                                      |
| Thermal Storage Size          | 240*240*57mm, two pcs                             |
| Working Area Size             | 700*93mm                                          |
| Pre-Cooling Table Size        | 69*59mm                                           |
| Power                         | ≤1400W                                            |
| Power Supply                  | AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional) |
| External Size(W*D*H)          | 735*693*413mm                                     |
| Net Weight                    | 45kg                                              |
| Packing Size(W*D*H)           | 880*850*650mm                                     |
| Gross Weight                  | 72kg                                              |



## 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-CP1V                                           |
|-------------------------------|---------------------------------------------------|
| Temperature Control Range     | 5 to -20°C(Max to -28°C)                          |
| Control Temperature Precision | ±1°C                                              |
| Working Area Size             | 360*300mm                                         |
| Number of Embedding Cassettes | 50pcs                                             |
| 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.

