



# MICROTOME

## TAMBE Semi-Automatic Cryostat Microtome

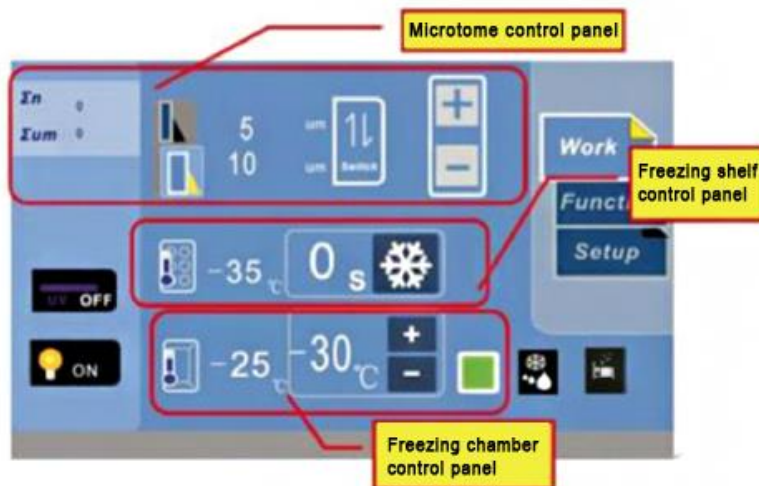


### Features:

1. Modular control system:  
Defrost automatically/manually;  
Hibernation automatically/ manually, wake up in 15 minutes;  
UV sterilization;  
Semi-conductor refrigerant;  
Slice number and thickness calculation;  
2 movement speeds of specimen clamp.

## Appearance:

- One-time injected model cover;
- Anti-fog heating glass design;
- Chromatic liquid crystal touch screen.



## Microtome:

- Light and smooth handwheel with locking device on it;
- Specimen clamp enables to adjust triaxially with a block in the centre to go back;
- High precising guide rails made in Germany make transmission smooth durable and be able to cut hard sample;



Retraction

Freezing chamber

Extra large chamber with wide freezing shelf may hold 20 specimen discs meanwhile.

With waste tray and instrument rack.

Blade holder:

Wide or narrow blades optional:

A anti-fatigue cam lock ensures blades clamp tight;

Blade clamp can be moved horizontally on the guide rail for safety and making full use of a blade;

Glass anti rolling plate to adjust angle and gap with pressing plate;

A pushing rod pops the blade out.

## Technical Specifications:

1. Electrical:

Security type: I category , B type

Voltage frequency: AC 220V, 60Hz ( $\pm 10\%$ )

Input power: 650VA

Refrigerating:

(1) Freezing chamber

The range of temperature setting:  $-35\text{ }^{\circ}\text{C}$  to  $-10\text{ }^{\circ}\text{C}$

Defrost: Manual/ Auto Refrigerating capacity: 690 W

Refrigerate: R404a,  $300\text{ g}\pm 5\text{g}$

Quick- freezing shelf

Minimum temperature:  $-45\text{ }^{\circ}\text{C}$

Number of specimen holder freezing points: 20

Number of semi-conductor freezing points: (switchable) 2



Setting range of section thickness: 0 um- 100um

Setting value range	Move step
0 um - 10 um	1 um
10 um - 20 um	2 um
20 um - 50 um	5 um
50 um - 100 um	10 um

Specimen's horizontal stroke: 25mm

Specimen's vertical stroke: 60mm

Specimen's max size: 55mm X 55mm

Specimen clamp's max adjustable angle: 12°

Specimen fast moving speed: 0.7 mm/s

Dimensional

W x T x H: 780 mm(650 without handwheel) x 700mm x 1152mm

Net weight: 145 KGS

**Accessories:**

Standard Setting List

- |                     |        |
|---------------------|--------|
| 1. Specimen Disc    | 10 pcs |
| 2. Fuse (2A)        | 2pcs   |
| Fuse (15A)          | 2pcs   |
| 3. Appliance Stand  | 1pc    |
| 4. Power Line       | 1 line |
| 5. Hexagonal Wrench | 1 set  |
| 6. Brush            | 1pc    |
| 7. Handle           | 1pc    |

**Out Package Info:**

Dimension: 785x785x1336mm,

Weight: 180kg