

MCM-9000 Semi-automatic Cryostat



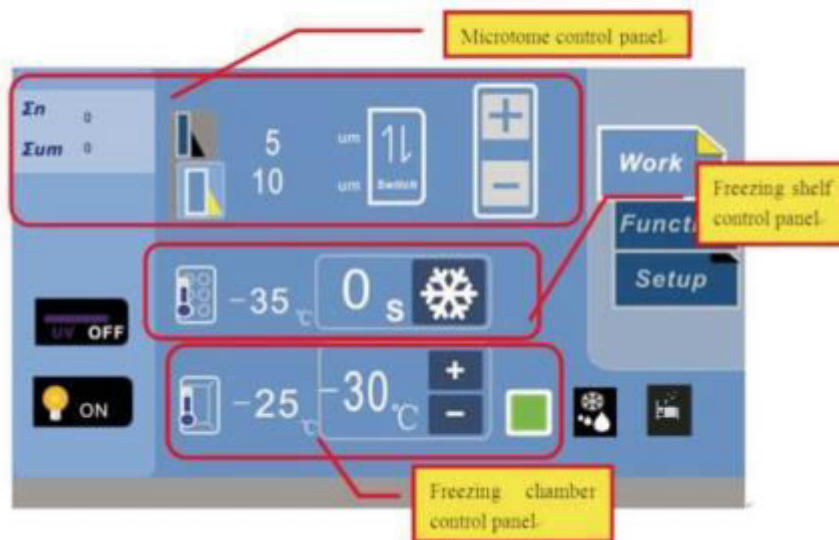
No.1 Design Feature

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 precision 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.

No.2 Technical specifications

1.Electrical:

Security type: I category, B type

Voltage frequency: AC 220V, 50Hz ($\pm 10\%$) Or AC 110V, 60Hz ($\pm 10\%$)

Input power :650 VA

Refrigerating:

(1) Freezing chamber

The range of temperature setting: - 35 °C to - 10 °C

Defrost: Manual / Auto

Refrigerating capacity: 690 W

Refrigerate :R404a ,300 g \pm 5g

Quick -freezing shelf

Minimum temperature : - 45 °C

Number of specimen holder freezing points : 20

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

Microtome mechanical

Setting range of section thickness :0 μ m - 100 μ m

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 :25 mm

Specimen's vertical stroke :60 mm

Specimen's max size : 55 mm X 55 mm

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 700 mm x 1152 mm

Net weight : 145 KGS

Accessories:

Standard Setting List

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

Out Package Info:

Dimensions: 785×785×1336mm,

Weight: 180kg