



MICROTOME

BACHSTELZE Automatic Cryostat Microtome



Features:

1. Automation: automatic trimming, automatic sectioning, and manual trimming and manual sectioning available.
2. Control system: computer full-automatic control, 04 temperatures can be displayed in the same LCD.
3. Refrigeration speed: no need pre-cooling, and sectioning can be done while machine starts for 10 minutes.
4. 05 points refrigeration: freezing head, freezing knife, freezing chamber, double freezing tables.
5. Freezing head: different sectioning temperature can be set as per different tissues.
6. Functions: withdrawal, sectioning speed adjustment, hardware dynamic state display.

7. Functions: automatic/manual defrosting, lighting, disinfection with ultraviolet.
8. Functions: freezing chamber with sewer pipe, which is convenient to clean, compressor has a function of countdown, counting, and clock display duly.
9. Mechanical system: bearings imported, accurate machining, steady mechanism, tight structure of mechanical cores, free maintenance.
10. Machine is assembled with an anti-curl plate, so sectioning is smooth and reliable.
11. Rapid refrigerating system: if power off was forgot after working for 08 hours, the system will directly enter dormant state.
12. Steel knives are in common use with disposable knives.
13. Operation modes: electric sample feed, and withdrawal; there are quick and slow gears.
14. Heat absorption device for tissues: it will be mated with freezing table, meanwhile the upper and the lower will be refrigerated at same time so that freezing speed is fast.
15. Speed of sample feed and withdrawal: there are quick and slow gears.
16. Temperature is no need too low so that stimulation of hands due to lower temperature can be avoided.

Technical Specifications:

1. Refrigerating range to set: room temperature ~ -60°C
2. Section thickness: 0~100µm
3. Minimum division value: 0.5µm
4. Trimming range: 0~600µm
5. Specimen horizontal shifting distance: 25mm
6. Specimen vertical shifting distance: 60mm
7. Sectioning angle adjustable: 10°
8. Freezing positions: 10~15
9. Temperature reachable: freezing head -50°C
freezing table -45°C
freezing knife -35°C
freezing chamber -25°C±5°C
10. Voltage: 220V
11. Power: 800VA
12. Weight: 120kg