

Brain sectioning machine

This machine represents our factory's latest intelligent computer-controlled tissue slicing system launched to the market. Over the years, through comprehensive market research and with the support and recommendations from pathology experts nationwide, we have integrated the advantages of various models and refined them through years of R&D and manufacturing by our technical team. The machine features user-friendly operation, superior slicing performance, and high precision. Notably, its thickness adjustment function—configurable via both the panel buttons and a small handwheel—is patented, making it the ideal choice for pathological histological work.

Main technical parameters:

- ◆ Slice thickness range: 0–100 μm
- ◆ Film thickness range: adjustable via the small handwheel; panel keys: 0.25–100 μm
- ◆ Minimum adjustment increment for slice thickness: 0.25 μm
- ◆ Slicing thickness adjustment: The thickness ranges from 0 to 1 (μm) in increments of 0.25 μm .

The thicknesses from 1–5 μm are increased in increments of 0.5 μm ; those from 5–10 μm are increased in increments of 1 μm ; those from 10–20 μm are increased in increments of 2 μm ; and those from 20–100 μm are increased in increments of 5 μm .

- ◆ Slicing accuracy: $\pm 10\%$
- ◆ Sample retraction: 20 μm
- ◆ Sample horizontal displacement: no less than 15 mm
- ◆ Vertical sample displacement: 70 mm
- ◆ Maximum slice cross-section: 35×40 (mm)
- ◆ Power voltage: AC 220V/50Hz
- ◆ Power: 80 VA
- ◆ Overall dimensions: 530×460×310 (mm)
- ◆ Total weight: 35 kg



Rotary Microtome

It is our latest model that integrates the advantages of precision, stability and simplification which manual microtome entails, also have the specimen retraction counted by stepping motor and spindle accurate. It is one of best model for histology and pathology preparation.

Main Technical Specifications :

- ◆ Section thickness range: 0–100 (μm)
- ◆ Trim thickness range: unlimited
- ◆ Minimum value of section thickness: 0.25 μm
- ◆ Section thickness setting: 0–1 (μm) increment 0.25 μm 1–5 (μm) increment 0.5 μm 5–10 (μm) increment 1 μm 10–20 (μm) increment 2 μm 20–100 (μm) increment 5 μm
- ◆ Section precision tolerance: $\pm 10\%$
- ◆ Specimen retraction: 20 μm
- ◆ Specimen horizontal feeding: 15mm
- ◆ Stroke length: 70mm
- ◆ Lateral knife holder
- ◆ Maximum section size: 35 × 40 (mm)
- ◆ Electric supply: AC220V/50Hz
- ◆ power: 80VA
- ◆ unit demension: 530 × 460 × 310 (mm)
- ◆ unit weight: 35kg



China Care Medical Equipment Co.,Ltd

Adress:Room B101, Zhongbang Business Building, PuXing Road
No. 87, Tianhe, Guangzhou, Chinaweb:www.chinacaremedical.com