

## Semi-Automatic Microtome

### Introduction:

Microtome is used for sectioning thin and uniform tissue slices. The BK-2238 Microtome can section slices between 0 and 100µm and and trimmings between 0 and 600µm with a minimum adjustable index value of 0.25µm, which enables fast and accurate slicing operations. Equipped with a lengthening blade adapter and tool post to protect the safety of the operator and enable better tool retracting.



### Features:

- \* Equipped with 4.3-inch high-definition smart display to show all functions and real-time operating status.
- \* Adopts maintenance-free cross linear guide, high-precision motor and lead screw system for accurate and stable transmission.
- \* Dual independent upper & lower locking structures plus blade guard ensure superior operational safety.
- \* Visual zero-position sample positioning system supports X/Y axis adjustment with ±8° horizontal positioning.
- \* Fine handwheel with adjustable rapid feed speed and customizable rotation direction.
- \* Specially coated blade pressing plate prevents paraffin adhesion for easy cleaning.
- \* Magnetic anti-static waste chip tank, easy to disassemble and clean.

### Technical Parameters:

Model	BK-2238
Sectioning Thickness Range	0.25~100µm
Trimming Thickness Range	1~600µm
Retraction Range	0~200µm
Mini. Sectioning Thickness	0.25µm
Precision	±5%
Velocity of Small Hand Wheel	200~1000µm, adjustable
Max Specimen Size	70*70mm
Specimen Stroke	Horizontal: 28mm, vertical: 70mm
Tool Holder Stroke	The maximum movement of the tool holder base is 60mm, and the maximum left and right movement of the tool holder is 23mm.
Sample Adjustment Direction	Horizontal 8° Vertical 8° Rotation 90°
Power Supply	AC110/220V, 50/60Hz
Power	100W
External Size(W*D*H)	610*490*340mm
Net Weight	37kg
Packing Size(W*D*H)	730*610*590mm
Gross Weight	55kg

## Automatic Microtome

### Introduction:

Microtome is used for sectioning thin and uniform tissue slices. The BK-2228 Microtome can section slices between 0 and 100µm and and trimmings between 0 and 600µm with a minimum adjustable index value of 0.25µm, which enables fast and accurate slicing operations. Equipped with a lengthening blade adapter and tool post to protect the safety of the operator and enable better tool retracting.



### Features:

- \* Built-in 4.3-inch high-definition smart display for full function and real-time status visualization.
- \* Maintenance-free cross guide rail and precision motor-lead screw assembly delivers reliable precise transmission.
- \* Dual independent locking design and blade protective cover effectively protect operators.
- \* Visual zero-offset positioning system enables X/Y axis adjustment and ±8° horizontal sample positioning.
- \* Anti-sticking coated pressing plate avoids paraffin residue, convenient for daily maintenance.
- \* External handheld controller is equipped for flexible and effortless operation.
- \* Magnetic suction anti-static chip tank, easy to clean.

### Technical Parameters:

Model	BK-2228
Sectioning Thickness Range	0.25~100µm
Trimming Thickness Range	1~600µm
Retraction Range	0~200µm
Mini. Sectioning Thickness	0.25µm
Automatic Sectioning Speed	1~10 speed levels adjustable
Precision	±5%
Max Specimen Size	70*70mm
Specimen Stroke	Horizontal: 28mm, vertical: 70mm
Tool Holder Stroke	The maximum movement of the tool holder base is 60mm, and the maximum left and right movement of the tool holder is 23mm.
Sample Adjustment Direction	Horizontal 8° Vertical 8° Rotation 90°
Power Supply	AC110/220V, 50/60Hz
Power	150W
External Size(W*D*H)	610*490*340mm
Net Weight	45kg
Packing Size(W*D*H)	730*610*590mm
Gross Weight	65kg