

Automatic and Semi-automatic Microtome



(Semi-automatic)



(Semi-automatic)



(Automatic)

Features:

- * Large-volume removable waste tray on the top of housing, convenient to use.
- * Imported cross-roller guide rails and high-precision screw motion mechanism.
- * Fast switching between paraffin block clamp and cassette clamp.
- * Hand-wheel balance can be precisely adjusted and can be locked at any position, ensuring safety and convenience of sectioning.
- * Blade holder can be laterally moved without direct contact, enabling use of the entire length of the blade. (three different segments)
- * The red bar on the blade holder covers the whole length of blade to protect the user and enables easy change of the blade.
- * Automatic sectioning speed is adjustable by gentle button.
- * Auto slicing controller ensures trimming and slicing switching easily; When it is off, semi-auto slicing or trimming is available

Technical Parameters:

Model	MICRO78	MICRO88	MICRO98
Mode	Semi-automatic without intelligent sensing	Semi-automatic with intelligent sensing	Automatic or Manual Mode without intelligent sensing
Function	Sectioning, trimming, fast forward, fast backward, quick conversion; automatic retraction		
Retraction Range	/	0~50μm (If 0 is set, retraction function is off) 5-50 (Retraction distance is optional in this range, and increment is 5μm, such as, 5, 10, 15, 25...)	
Display	LCD Display: sectioning thickness, trimming thickness, slice count.	OLED Display: sectioning thickness, trimming thickness, slice count.	LED display: sectioning thickness, trimming thickness, slice count, slice speed
Sectioning Thickness Range	0~60μm 0~1.0μm increment 0.25μm 1~10μm increment 1μm 10~20μm increment 2μm 20~60μm increment 5μm	0.25~100μm 2.5~5μm increment 0.5μm 5.0~10μm increment 1μm 10~30μm increment 2μm 30~60μm increment 5μm 60~100μm increment 10μm	
Trimming Thickness Range	0~60, 0~100, 1~900μm 1~10μm increment 1μm 10~20μm increment 2μm 20~100μm increment 5μm 100~900μm increment 50μm	1~600μm 1~10μm increment 1μm 10~20μm increment 2μm 20~50μm increment 5μm 50~150μm increment 10μm 150~600μm increment 50μm	
Whole Layer Clearance Distance(Only for BK-2488)	10~6000μm (10, 12, 15, 20.....6000, after 15μm, the increment is 5μm)		
Specimen Horizontal Stroke	28mm		
Specimen Vertical Stroke	52mm	70mm	
Specimen Orientation	XY – 8°, rotation 360°		XY – 8°, rotation ±90°
Mini. Sectioning Thickness	0.25μm		
Max. Specimen Size	50*70mm		70*70mm
Feed Speed	450um/s		1500μm/s, 3500μm/s
Precision	±5%		
Standard Accessory	Cassette clamp or Paraffin Block Clamp (Paraffin Block Clamp is acquiescent)		
Consumption	100W		150W
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)	585*410*305mm	575*420*330mm	580*475*340mm
Package Size(W*D*H)	670*550*480mm	670*550*480mm	680*570*500mm
Gross Weight	45kg	45kg	60kg