

KD-ST5500

Semi Automatic Rotary Microtome



Features

- ▶ Number of sections: Section and trimming counts are clearly displayed.
- ▶ The memory position: Multiple memory positions of sample holder.
- ▶ Quick Positioning: One click to return to the user-defined position.
- ▶ Voice prompt: Alarms when sample holder travels approach displacement limit, helping identify travel distance.
- ▶ OLED display screen: Clear to see and easy to operate.
- ▶ Segmented positioning of blade holder: Three section quick positioning to maximize the utilization of blade edge
- ▶ Blade holder's angle adjustment: The angle can be adjusted from 0 to 10 degrees, and the front and back position of the blade holder can be adjusted.
- ▶ High and low profile blade holder: Optional high and low profile blade holder.
- ▶ Double Locking System: Upper lock enables quick operation; lower lock secures the handwheel at any position.

Technical Specifications

Section Thickness Range	Increment
0.25~2.5 μm	0.25 μm
2.5~5 μm	0.5 μm
5~10 μm	1 μm
10~30 μm	2 μm
30~60 μm	5 μm
60~100 μm	10 μm

Trimming Section Range	Increment
1~10 μm	1 μm
10~20 μm	2 μm
20~50 μm	5 μm
50~150 μm	10 μm
150~600 μm	50 μm

- ▶ Retraction range:0~100μm(0 is off) 1-5-10-15-100 adjustable
- ▶ Specimen feed:30mm / Vertical stroke:70mm
- ▶ Movement range of blade holder(left-to-right): 0~26mm
- ▶ Movement range of blade holder's Base(front-to-back): 0~65mm
- ▶ Specimen orientation: Horizontal 8°,Vertical 8°, 360° Rotation(optional)
- ▶ Working voltage: AC110V~ 120V / AC 220V~240V
- ▶ Feeding speed: 2000 μm/s
- ▶ Feeding range small wheel:100~1000μm/turn adjustable
- ▶ Nos.of section and trimming: 0~9999
- ▶ Max.specimen size: 80x65mm
- ▶ Memory points: 2points can be set
- ▶ Precision error:±1%
- ▶ Frequency: 50Hz / 60Hz
- ▶ Power draw:100VA
- ▶ Dimension: 595x465x295 mm
- ▶ Net weight: 28kg