

KD-3398

Fully Automatic Microtome



Features

- ▶ Functions of sectioning, trimming, fast forward, backward, retraction.
- ▶ Can quick conversion between manual and continuous section mode, section speed can be adjusted.
- ▶ The specimen holder can be quickly positioned and adjusted.
- ▶ Section and trimming mode can achieved by the hand controller.
- ▶ With Emergency Braking System, safety alarm, drive-overload protection and an automatic standby system.
- ▶ Hand-wheel can be locked at any position to ensure the safety.
- ▶ Blade holder can be laterally moved to ensure to use the blade fully.
- ▶ Sample holder can be rotated 360°(optional).
- ▶ Fast clamp release system between specimen and cassette clamp.
- ▶ Wireless Foot Switch (optional).

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

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| ▶ Retraction: 0~ 50 μm (adjustable) | ▶ Movement range of blade holder base (front-to-back): 60 mm |
| ▶ Feed: 28 mm | ▶ Movement range of blade holder(left-to-right): 23 mm |
| ▶ Vertical Stroke: 70 mm | ▶ Orientation: Horizontal 8° ,Vertical 8° , 360° Rotation(Optional) |
| ▶ MaxSize: 70x 70(mm) | ▶ Feeding Speed: Low 1500 $\mu\text{m}/\text{s}$, high 3500 $\mu\text{m}/\text{s}$ |
| ▶ Precision Error: $\pm 5\%$ | ▶ Continuous section Speed: 0-15 level(adjustable) |
| ▶ Power: 150W | ▶ Working Voltage: AC110V~ 120V / AC220V~ 240V |
| ▶ Net Weight: 41kg | ▶ Overall Dimension: 580 x 475 x 340(mm) |