

Features

1. Automatic tool alignment function: When the automatic tool alignment function is activated, the tissue automatically moves to the blade edge.
2. Equipped with external remote control: All functions can be operated via remote control.
3. Slice counting and slice thickness counting functions: Automatically excludes trimming values, recording only slicing data.
4. Half-cycle reciprocal slicing/trimming mode
5. Sleep mode: The machine can automatically enter sleep mode, and the sleep duration can be freely set.
6. Handwheel with 3 independent locking systems: The handwheel can be locked in any 360° position, with a top-end quick lock and electronic lock.
7. Adjustable angle specimen clamp: Horizontally and vertically adjustable by 16°, with 360° rotation for convenient sample adjustment during trimming.
8. One-button return function: Enables quick sample replacement.
9. Real-time display of specimen clamp position, with limit position alarm.
10. ±8° X/Y orientation with clear graduation enables fast alignment of the specimens

Technical Specifications

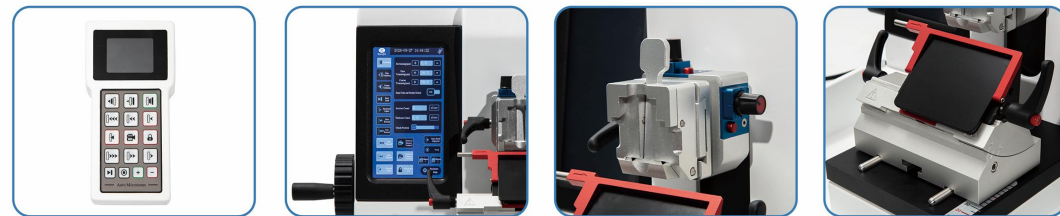
RD-485 Pro Semi-automated Rotary Microtome

·Section thickness range:	0.5 - 100 µm. In 0.1 µm increments
·Trimming thickness range:	0 - 999 µm. In 0.1 µm increments
·Retraction distance:	1 - 100 µm, it can be turned off
·Rough feed speed range:	Any setting between 1 mm/s and 5 mm/s
·Precision feed speed range:	Any setting between 0.1 mm/s and 1 mm/s
·Jog distance range:	Any setting between 1 µm and 100 µm
·Sample size:	Wax block clamp (50*60*40 mm) / standard embedding box clamp
·Object orientation:	X- and Y-axis universal 16°, Z-axis 360°
·Typical horizontal stroke:	32±1mm
·Typical vertical stroke:	72mm
·Clearance angle for Blade Holder:	0 to 15°
·Working Temperature/Humidity:	Temperature: 5°C to 30°C; Relative Humidity: ≤ 80%
·Product Dimensions:	620 mm x 540 mm x 350 mm;45kgs
·Power Supply:	AC 220V ± 10%, 50Hz ± 1Hz,150 VA
·Certifications:	CE; ISO 13485
·Packaging Size/Weight:	710 mm x 610 mm x 450 mm, 53.5 kg
·Warranty Period:	2-Year



RD-485 Pro

Semi-automated Rotary Microtome



RD-485 semi-automatic microtome is suitable for various medical, educational, and research institutions, providing support for pathological tissue slicing work. Automatic tool alignment, Position memory, External remote control, Intelligent trimming.

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