

Semi-Automated Rotary Microtome

RMT-SA390

Description



Blade holder can be laterally moved to avoid moving the blade with direct contact, thereby utilizing 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 the push bar enables easy change of the blade;

LED screen shows section and trimming thickness, as well as number of sections;

Easy and fast switching between different specimen clamps (two options: paraffin block clamp and cassette clamp);

Uses imported cross-roller guide rails and a screw motion mechanism to ensure precision resulting in superior sectioning performance;



Large-volume waste tray is easy to remove and clean, and items such as disposable blades can be stored on the top of the housing.

Hand-wheel balance is precisely adjusted and can be locked at any position to ensure the safety of the slicing operation and convenience of sectioning;



- ◆ Specimen feeding drive utilizes an intelligent control system, it has three modes: Conventional mode , Intelligence sensing mode and whole layer cutting mode;
- ◆ Advanced drive systems including multiple functions, sectioning, trimming, fast forward, fast backward and quick conversion;

Features

- ◆ This model utilizes a human oriented design, easy to switch between cutting and trimming, advanced technology, and stable performance, and is user-friendly;
- ◆ With a safety and emergency braking system, security alarm system, driver overload protection, auto-sleep protection system;



Specifications

Model	RMT-SA390	
Section Thickness Setting Range	0.25- 100μm	0.25 – 2.5μm increment 0.25μm
	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 Setting Range	1- 600μm	1 – 10μm increment 1μm
	10 – 20μm increment 2μm	20 – 50μm increment 5μm
	50 – 150μm increment 10μm	150 – 600μm increment 50μm
Retraction Setting Range	0-50μm (0 is off)	5-10-15-50 (optional)
Whole layer clearance distance Range	10 – 6000μm	10-12-15-20-25-5000-6000μm
Minimum Setting of Sectioning Thickness	0.25μm	
Total Horizontal Specimen Feed	28mm	
Vertical Specimen Stroke	70mm	
Movement Range of the Base of Blade Holder Base	0-60mm (front to back)	
Movement Range of the Blade Press plate	0-23mm	
Specimen Clamp Rotation	at any angle within 360 degrees.	
Specimen Orientation	XY – 8°	
Maximum Specimen Size	70×70mm(optional clamp)	
Feed speed adjust	1500μm/s ~ 3500μm/s	
Precision Error	±1%	
Working Voltage	AC 220V±10% 50Hz (standard model) / AC110V±10% 60HZ	
Power	100W	
Dimensions (W×D×H)	575×420×330 mm	
Net weight	37kg	