

# Fully Automated Microtome

RMT-FA398



## Features

Pure-green digital display of slice thickness, trimming thickness, slice count and slice speed;  
Features easy and fast switching between different specimen clamps (two options: paraffin block clamp and cassette clamp);



## Description



- ◆ The feeding system uses an intelligent control mechanism; enabling quick switching between manual or automated smart sectioning modes; automatic slicing speed is adjustable;
- ◆ Advanced drive systems and multiple functions including sectioning, trimming, fast forward, fast backward, quick mode conversion including automatic retraction;
- ◆ Incorporates an international advanced screw motion mechanism to ensure precision, thus achieving superior sectioning performance;



- ◆ Automatic sectioning speed is continuously adjustable
- ◆ Trimming and slicing are operated under a control system, and can be switched easily. The automated slicing controller can be equipped at either the left or right side; when automated slicing controller is off, semi-auto slicing or trimming can still be performed;
- ◆ With safety and emergency braking systems, security alarm systems, driver overload protection and an auto-sleep protection system;



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



Blade holder can be laterally moved to avoid moving the blade with direct contact, thereby enabling use of the entire length of the blade. (three different segments);

The red protection bar on the blade holder covers the whole length of blade to protect the user and the push bar enables easy changing of the blade;



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

## Specifications

Model	RMT-FA398	
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)	
Minimum Setting of Sectioning Thickness	0.25μm	
Horizontal Feed	28mm	
Vertical Specimen Stroke	70mm	
Specimen Holder Rotation	at any angle within 360 degrees	
Movement Range of the Base of Blade Holder Base	0-60mm (front to back)	
Movement Range of the Blade Press plate	0-23mm	
Specimen Orientation	XY - 8°	
Maximum Specimen Size	Standard wax block clip39mm×40 mm (Other sizes available)	
Feed speed adjust	1500μm/s ~ 3500μm/s	
Precision Error	±1%	
Working Voltage	AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz	
Power	150W	
Dimensions	580× 475× 340mm(W×D×H)	
Net Weight	41kg	