



HIS-3390, Semi Automatic Rotary Microtome

Features:

- This model utilizes a human oriented design, easy to switch between cutting and trimming, advanced technology, and stable performance, and is user-friendly.
- 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.
- Uses imported cross-roller guide rails and a screw motion mechanism to ensure precision resulting in superior sectioning performance.
- OLED screen shows section and trimming thickness, as well as number of sections.
- With a safety and emergency braking system, security alarm system, driver overload protection, auto-sleep protection system.
- Easy and fast switching between different specimen clamps (two options: paraffin block clamp and cassette clamp).
- Hand-wheel balance is precisely adjusted and can be locked at any position to ensure the safety of the slicing operation.
- 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.
- Hand-wheel balance is precisely adjusted and can be locked at any position to ensure the safety and convenience of sectioning.
- 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.

Specifications:

Model	MIT-3390
Section thickness setting range	0.25 ~ 100 μ m 0.2 ~ 2.5 μ m increment 0.5 μ m 2.5 ~ 5 μ m increment 0.5 μ m 5 ~ 10 μ m increment 1 μ m 10 ~ 30 μ m increment 2 μ m 30 ~ 60 μ m increment 5 μ m 60 ~ 100 μ m increment 10 μ m
Trimming thickness setting range	1 ~ 600 μ m 1 ~ 10 μ m increment 1 μ m 10 ~ 20 μ m increment 2 μ m 20 ~ 50 μ m increment 5 μ m 50 ~ 150 μ m increment 10 μ m 150 ~ 600 μ m increment 50 μ m
Retraction Setting Range	0 ~ 50 μ m (0 is off), 5 ~ 10 ~ 15 ~ 50 (optional)
Whole layer clearance distance Range	10 ~ 6000 μ m, 10 ~ 12 ~ 15 ~ 20 ~ 25 ~ 5000 ~ 6000 μ m
Total Horizontal Specimen Feed	25mm
Vertical Specimen Stroke	70 μ m
Automatic Return of Specimen	
Specimen Clamp Rotation	at any angle within 360°
Min. Setting of Sectioning Thickness	XY – 8°
Maximum specimen size	0.25 μ m
Maximum Specimen Size	70 × 70mm
Precision Error	±1%
Working Voltage	AC 220V±10% 50Hz (standard model) / AC110V±10% 60HZ
Power	100W
Dimensions	W575 × D420 × H330mm
Net weight	36kg