Roundfin

SEMI-AUTO MICROTOME; MODEL NO.: RD-485

ABOUT THE PRODUCT

ROUND FINE semi-automatic microtome RD-485 developed and researched by our company using innovative technology. It adopts humanized operation panel design, advanced structure and novelty design. It is the ideal instrument for modern pathological sectioning and helps you get consistent, reproducible sections.

Robust and easy to clean design

The microtome presents an easy to-clean housing to keep the equipment always in perfect conditions of use and a sturdy base to assure a good stability during operation. Supplied with a wide waste tray easily removable for cleaning.

Manual handwheel

There are 2 independent locking systems on the handwheel:
1: The handwheel is locked at any position at 360°;
2: The top end of the handwheel is quickly locked.
For a better operating experience, we have made a number of optimizations for the forward and backward of the sample, including continuous action of 0.1mm/s~3.5mm/s and single-point action of 1~100μm.

High-definition color touch screen

All required parameters and functions are available on the main screen: section mode, section and trimming thickness, section counter, section sum, retraction ,etc.The high-precision controller with 25,600 subdivided digits is equipped with a high-precision photoelectric sensing system to ensure the accuracy of 0.1μm slicing.

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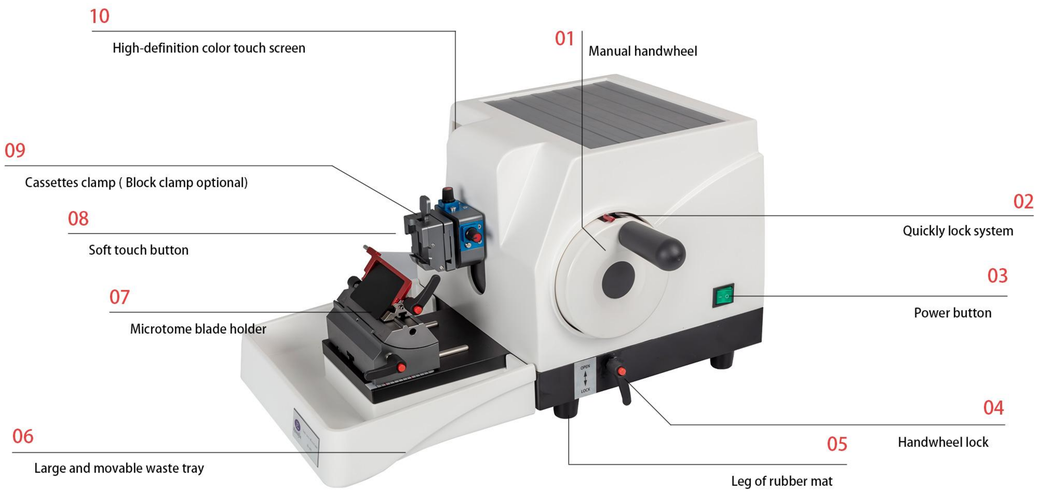
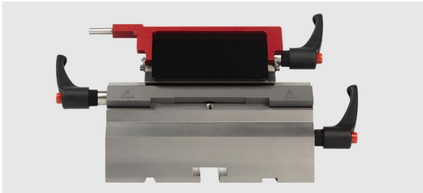
Focus On Pathpology Since 2012.



INNOVATION • QUALITY • RELIABLE

★★★★★

MICROTOME BLADE HOLDER



Blade holder

The blade carrier, suitable for using with disposable blades, presents a very precise lateral adjustment mechanism that allows the use of the entire width of the microtome blade without having to release the blade clamping mechanism. This is cost effective, especially in laboratories with high sample throughput. The blade carrier can be also moved front and backwards and presents a regulation system of the cutting edge angle. The microtome is supplied with two blade holders for high and low profile disposable blades respectively both with finger safety guard to protect user during work breaks.

Sample holder

The microtome is supplied with both standard and universal clamp for embedding cassettes. The sample holder presents a precise orientation system to ensure accurate orientation of the specimen surface relative to the knife.

Model No.RD-485	Specification List
Section thickness setting range:	0-99.9μm increment: 0.1μm
Trimming thickness setting range:	0-999μm increment: 0.1μm
Specimen retraction:	0-100μm (can close)
Precision and error:	±1%
Fast feed speed adjust:	1mm/s ~ 3.5mm/s ,at any set
Maximum specimen size:	60mmx50mm
Specimen horizontal feeding:	28mm
Specimen vertical feeding:	60mm
Slow feed speed adjust:	0.1mm/s ~ 1mm/s ,at any set
Specimen clamp rotation:	At any angle within 360°
Specimen orientation system:	XY–8°
Net weight:	40Kg
Size:	580mm*490mm*315mm(L *W*H)
Specimen clamp:	Paraffin block clamp or cassette clamp optional
Blade holder:	In high or in low profile blade holder optional
Voltage and frequency:	AC220V±10%, 50Hz(Standard) AC110V±10%, 60Hz

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