



# RD-315

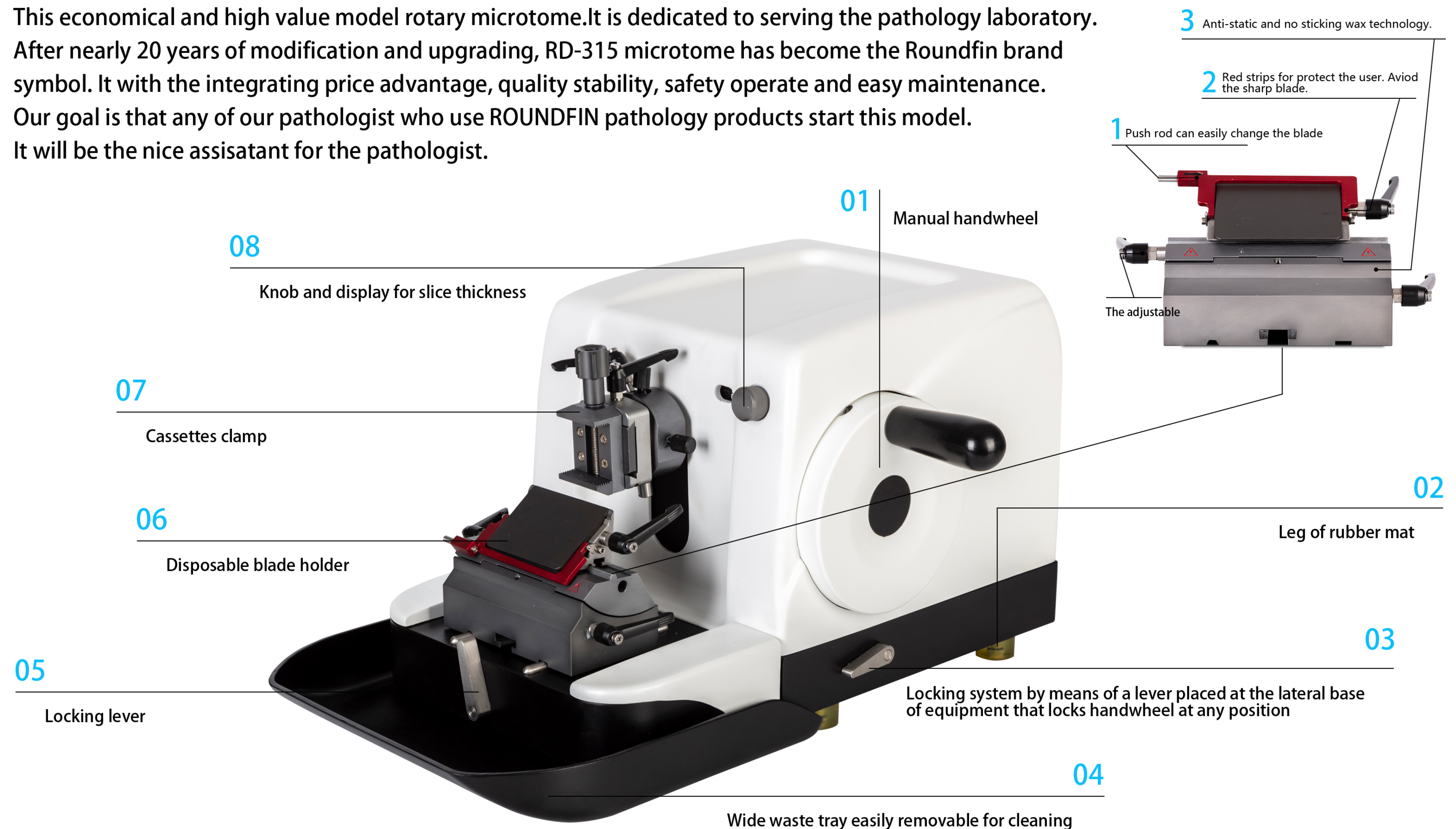
## ROTARY MICROTOME

**Focus On Pathpology Since 2012.**



# MANUAL ROTARY MICROTOME

This economical and high value model rotary microtome. It is dedicated to serving the pathology laboratory. After nearly 20 years of modification and upgrading, RD-315 microtome has become the Roundfin brand symbol. It with the integrating price advantage, quality stability, safety operate and easy maintenance. Our goal is that any of our pathologist who use ROUNDFIN pathology products start this model. It will be the nice assistant for the pathologist.

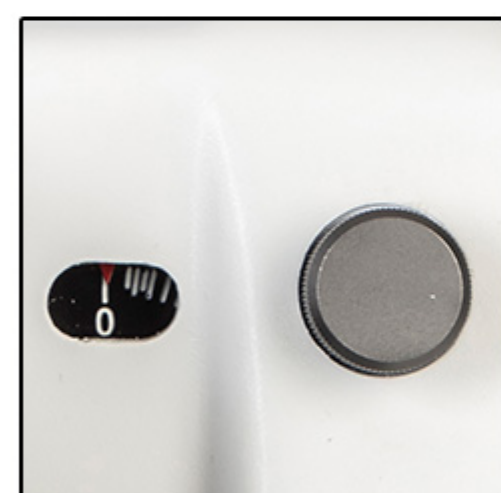




# RD-315

## ROTARY MICROTOME

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**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.

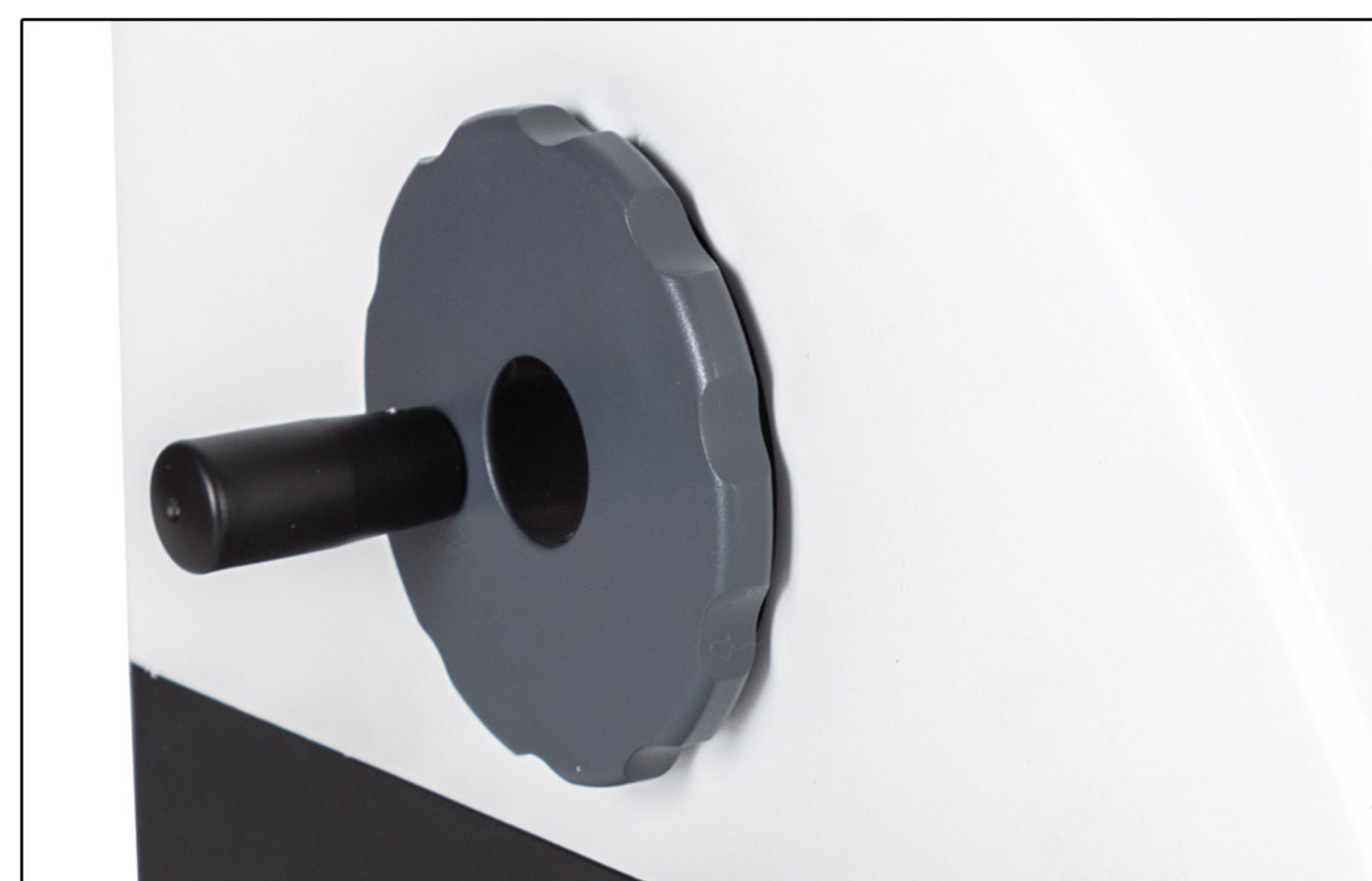


**Manual handwheel** | The equipment presents a light to turn handwheel with ergonomic handle that minimizes fatigue after long periods of use. For user safety, the handwheel is provided with two locking devices:

- Locking system activated through the handle that locks the specimen head in the uppermost position, the most adequate and safe position to change the blade or the sample.
- Locking system by means of a lever placed at the lateral base of equipment that locks handwheel at any position.



**Coarse feed wheel** | The coarse feed wheel is placed at the left side of equipment on a lower position for an easy access of user allowing trimming without fatigue.



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**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.

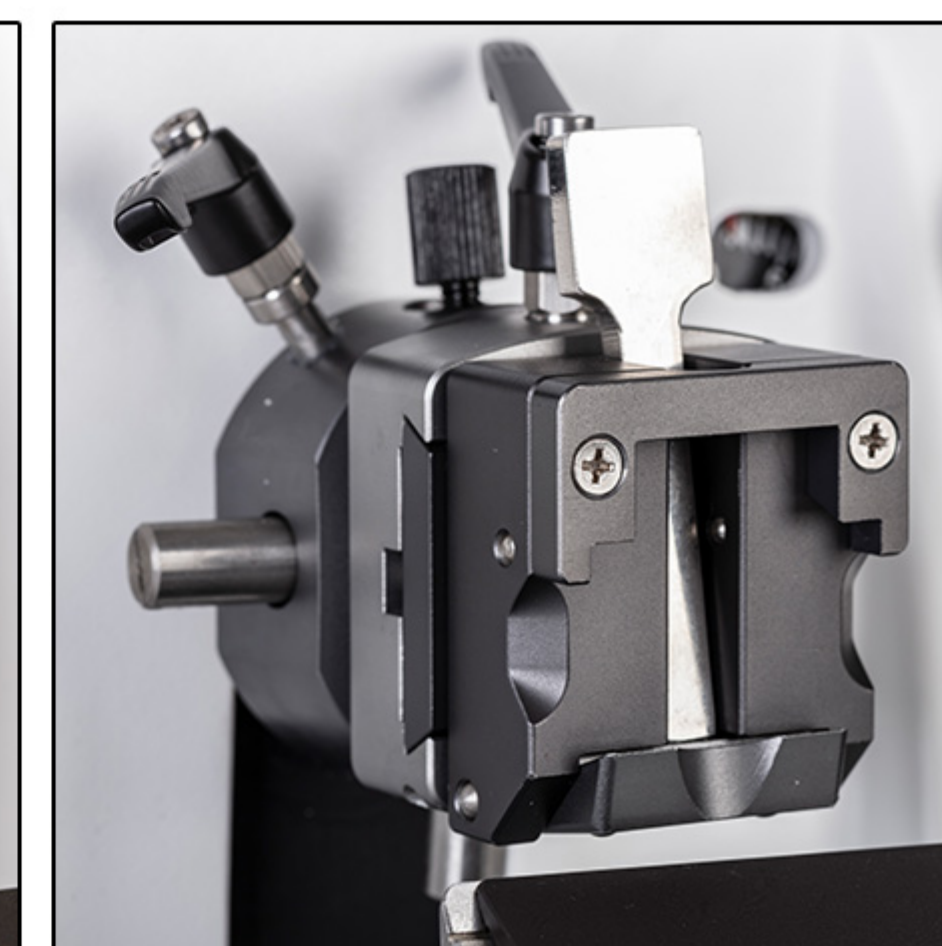


**Sample holder** | The microtome is supplied with both standard and universal clamp for embedding cassettes. The sample holder presents a precise orientation system to ensure accurate orientation of the specimen surface relative to the knife..

Universal clamp for embedding cassettes



Standard clamp for embedding cassettes



MANUAL ROTARY MICROTOME



| Model No. RD-315 Specification List |                            |                                                                  |
|-------------------------------------|----------------------------|------------------------------------------------------------------|
| Parameter                           | Section thickness range:   | 0- 60μm                                                          |
|                                     | Setting values :           | From 0-20μ, in 1 μm-increments<br>From 20-60μm in 5μm-increments |
|                                     | Horizontal specimen stroke | 28 mm                                                            |
|                                     | Vertical specimen stroke   | 60mm                                                             |
|                                     | Precision error            | ± 5%                                                             |
|                                     | Sample orientation         | 8°along the X-Y-axis, rotatable 360°                             |
|                                     | Maximum section size       | 50 × 45mm                                                        |
|                                     | Dimensions incl. tray      | (L/T/H) 300mm (L) X570mm (W) X270mm (H)                          |
|                                     | Net weight                 | 30kg                                                             |

Standard Accessory:

- 2 type clamp( cassettes or wax block)
- 1 replaceable high profile top part section
- 1 waste tray
- 4 pcs stainless steel tissue molds
- 50 pcs Cassettes
- 1 set brush

Optional Accessory:

- Blade holder ( low or high profile)
- Microtome blade box in box
- Steel knife
- Knife holder