# KD-2268 Rotary Microtome




## Features:

- Streamlined housing not only improves the appearance but also facilitates the cleaning process without the need to open the housing;
- Uses imported cross-roller guide rails and a screw motion mechanism to ensure precision resulting in superior sectioning performance;
- Advanced high-precision micro-drive feed system enables even and high-precision sectioning;
- Hand-wheel is rotated based on a mechanical balance mechanism, and can be locked at any position, providing the maximum level of safety and convenience;
- Cassette holder can be locked at any position along each of the three axes, enabling easy adjustment of the specimen sectioning angle;
- Multiple functions including specimen retraction and trimming functions, along with replaceable specimen holding system;
- Small coarse-advance hand-wheel is close to the operator, in accordance with an ergonomic design.
- The precise positioning system is not only easy to use, but also provides accurate X- and Y- axis adjustment;
- Easy and fast switching between different specimen clamps (two options: paraffin block clamp and cassette clamp);
- The red 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;
- The blade holder can be laterally moved and adjusted, without the need to manually move the blade, enabling use of the full length of the blade (slicing at three different segments);
- Hand-wheel balance is precisely adjusted and can be locked at any position to ensure the safety and convenience of sectioning;
- Well-designed tray on the top of housing, convenient use;
- Magnetically fixed large waste tray is easy to install and uninstall.

## Technical Specifications:

- Section Thickness Setting Range: 0–60μm
- Section thickness setting options:

0– 2μm increment 0.5μm

2–10μm increment 1μm

10-20μm increment 2μm

20–60μm increment 5μm

- Trimming Thickness Setting Range: 0.5 - 60μm
- Minimum Setting of Sectioning Thickness: 0.5μm
- Maximum Specimen Size: 70×70mm (optional clamp)
- Trimming Thickness: 15 μm and 35 μm
- Specimen Retraction: ≥20 μm (can turn off)
- Total Horizontal Specimen Feed:28 mm;
- Vertical Specimen Stroke:70mm
- Movement Range of the Base of Blade Holder Base: 0-70mm (front to back)
- Movement Range of the Blade Press plate: 0-23mm
- Specimen Holder Rotation: at any angle within 360 degrees
- Specimen Orientation: XY – 8°
- Precision Error: ±5%
- Dimensions: 590×500×330mm (W×D×H)
- Net weight: 38kg