

RANKIN|basics

# microtomes



# manual microtome

A simplified control panel built right into the face of the microtome declutters your microtomy workspace by putting the controls you need up and out of the way



- 1 2-in-1 high or low-profile blade holder with standard on all microtomes.
  - 2 Ergonomic handwheel for enhanced user comfort.
  - 3 Lightweight, simple and sleek waste tray catches paraffin shavings during microtomy.
  - 4 German-imported Kipp levers for secure locking of the blade holder and specimen orientation head to ensure quality sections every time.
  - 5 Click-into-place lateral positioning system on the blade holder to ensure the user cut on all three portions of your blades, lengthening the lifespan of your blades, with repeatability every time.
  - 6 Flat top for storage of supplies, and an ergonomic housing shell for easy cleaning.
- "Our lab loves the Rankin Basics manual microtome: the unit looks very nice and is easy to clean, the flywheel turns smoothly and easily, and we absolutely love the built-in chuck level! Excellent basic microtome – no need to spend all that money on name brands!"
- Meghan D. | Lab Manager

# semi-automatic



- 1 2-in-1 high or low-profile blade holder with standard on all microtomes. Easily remove the spacer bar for high-profile blades.
- 2 Ergonomic handwheel for enhanced user comfort
- 3 A motorized course feed, but with the natural feel of a flywheel gives you more control over the specimen head compared to using a button.
- 4 German-imported Kipp levers for secure locking of the blade holder and specimen orientation head to ensure quality sections every time.
- 5 Click-into-place lateral positioning system on the blade holder to help lengthen the lifespan of your blades.
- 6 Three sectioning modes the user can choose from. Standard mode is normal operation for routine sectioning, switch between trimming and fine sectioning by pushing the C/T button. Smart mode allows for the user to "rock" if they wish. Full-layer interval mode allows the user to set the point at which the machine will switch from trimming to fine sectioning based on a pre-determined microm depth set by the user. Simple user control panel with no external keypad.
- 7 Large wrap-around waste tray for less trips to the waste bin.

# Specifications

	Manual (MCT25)	Semi-Auto (MCT45)
Sectioning Range	1 - 60 $\mu$ m	0.25 - 100 $\mu$ m
Retraction	No	0 - 100 $\mu$ m
Horizontal Specimen Feed	29 mm	30 mm
Vertical Specimen Stroke	60 mm	70 mm
Horizontal Movement of Blade Holder	0 - 60 mm	0 - 60 mm
Lateral Movement of Blade Holder	0 - 23 mm	0 - 23 mm
Maximum Specimen Size	60 x 70 mm	70 x 70 mm
Specimen Orientation	XY – 8°	XY – 8°
Dimensions (W x D x H)	22.5 x 17.3 x 11.5 in	23.4 x 18.3 x 11.6 in
Weight	62 lbs (28kg)	62 lbs (28kg)

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Contact your Rankin sales representative today to learn more about the Rankin Basics microtomes or setup a demo.

## RANKIN

Rankin Biomedical is a family-owned supplier of equipment, consumables, and service to histopathology laboratories. Our passion is being stewards of our industry, providing accessible histology products to labs.

Put People First  
Find Solutions  
Obsess Over Excellence  
Lead Through Virtue