

# DAKEWE

## SUPERIOR QUALITY EXCELLENT SERVICE

### About Dakewe

Dakewe was founded in 1999 and is headquartered in Shenzhen, China, with a regional office in Sacramento, US. Dakewe has more than 800 employees based both in China and overseas, providing quality products and excellent services to customers all around the globe.



## DAKEWE

Dakewe Medical  
Shenzhen, China  
dakewe.us  
enquiry@dakewe.com

DAKEWE MT1 MICROTOME  
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## MT1 Semi-automated rotary microtome

Sectioning is supposed to  
be this simple

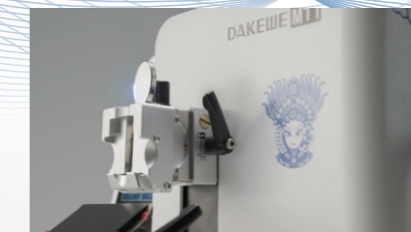


# MT1

## Semi-automated rotary microtome

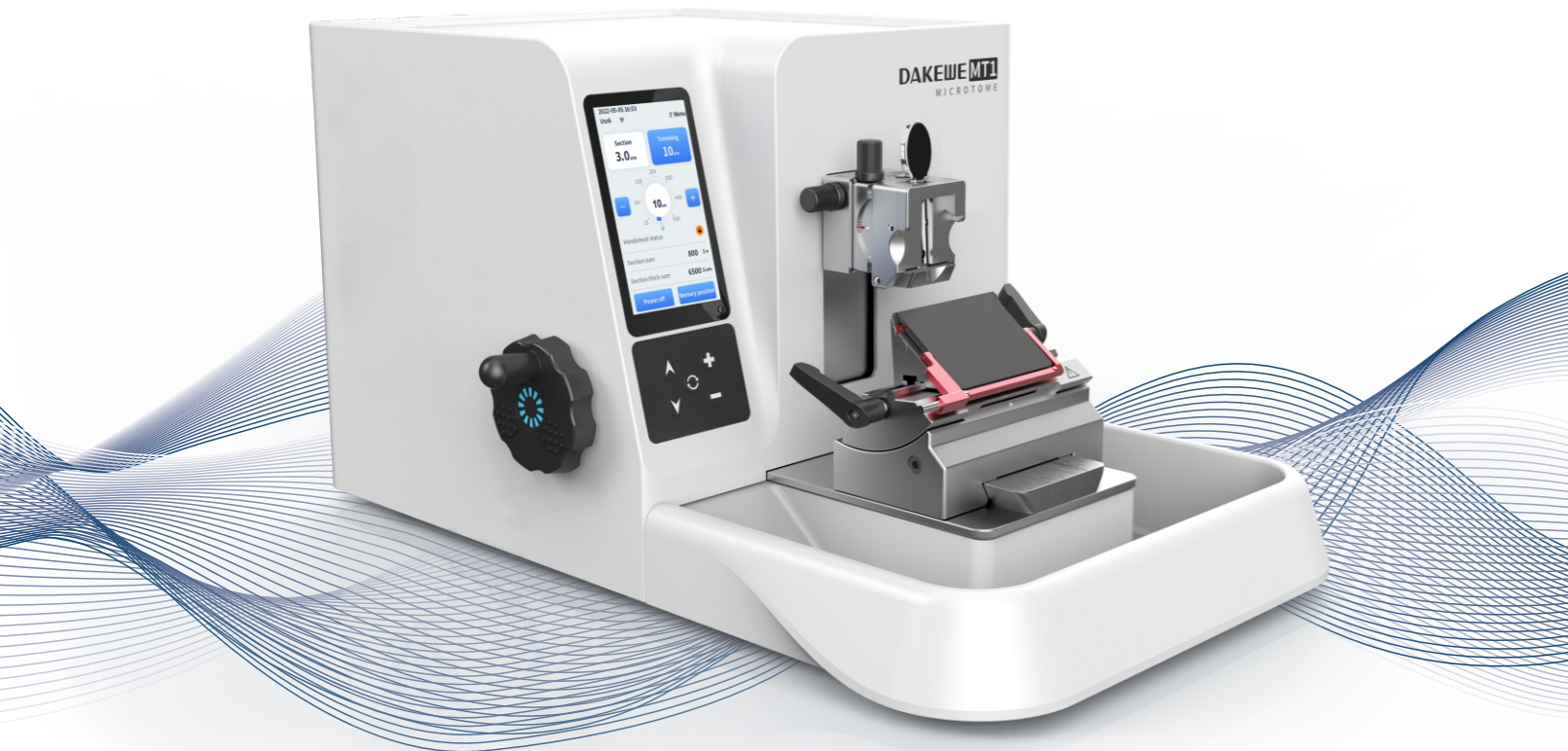
Dakewe MT1 semi-automated rotary microtome offers quality sections and effortless experience with engineered mechanism and ergonomic design, adapting to the need of every microtomists in the laboratory.

### Precision oriented



Details that make pathologists' work measurable and intuitive:

- $\pm 8^\circ$  X/Y orientation with clear graduation enables fast alignment of the specimens
- Patented 0 position indicator with pleasant motion feedback
- Coarse feed wheel with pleasant motion feedback
- Position memory function brings specimen head to desired position in one touch
- Motorized system offers steady and even-speed movement



*Sectioning is supposed to be this simple*

### Adapt to users

- Rocking mode allows trimming without a full rotation of handwheel, reducing fatigue
- Smart switch between rocking mode and sectioning
- 3-in-1 coarse feed wheel with reversible wheel direction adapts to the microtomists' preference
- 5 inch touch screen with concise UI and physical control panel allow intuitive control
- 2-in-1 blade holder for high and low profile blades

### Ergonomics infused

- Smooth-running and light hand wheel thanks to expertly designed force balance system
- Thumb design on the hand wheel for the thumb to rest on amid heavy workload
- Large volume, removable waste tray with slope interior for effortless cleaning
- Rounded corner in every corner protects laboratory technicians
- Bottom glider makes cleaning easier



## Engineered mechanisms

- Ultra-precise, sleek rail with cross roller bearings and force balance system bring ultimate sectioning experience and reliability
- Fine step angle stepper motor for precise sectioning
- Dovetail groove blade holder base guarantees stable, wobbling-free operation
- Double lock ensures safety

## Joint effort of engineering and art

- Two appearances available
- Enlighten the laboratory with a bit of color and art



Standard



With Pattern

## Technical Specifications

### General

Power	100 - 240 VAC, 50/60 Hz
Maximum consumption	50 VA
Dimension (WxDxH)	490 × 570 × 306 mm
Weight	Approx. 38 kg
Screen	5 inch color touch screen
Control panel	Yes
Waste tray	2000 mL volume, antistatic

### Microtome

Section thickness range	0.5 - 100 $\mu$ m
Setting values	For 0.5 - 5 $\mu$ m in 0.5 $\mu$ m increments For 5 - 20 $\mu$ m in 1 $\mu$ m increments For 20 - 60 $\mu$ m in 5 $\mu$ m increments For 60 - 100 $\mu$ m in 10 $\mu$ m increments
Trimming thickness range	1 - 600 $\mu$ m
Setting values	For 1 - 10 $\mu$ m in 1 $\mu$ m increments For 10 - 20 $\mu$ m in 2 $\mu$ m increments For 20 - 50 $\mu$ m in 5 $\mu$ m increments For 50 - 100 $\mu$ m in 10 $\mu$ m increments For 100 - 600 $\mu$ m in 50 $\mu$ m increments

