

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.



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DAKEWE

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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.

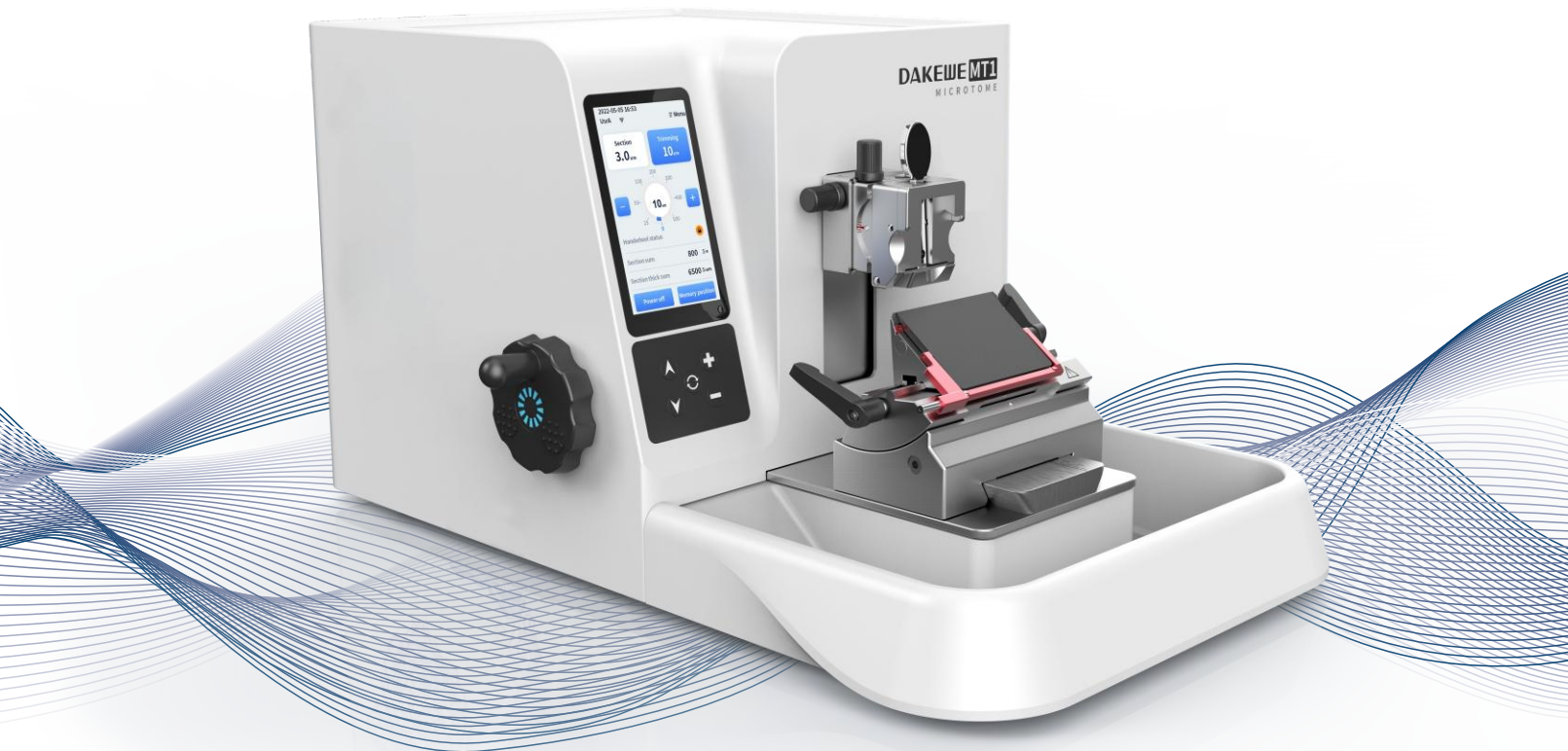
Precision oriented



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

