

Note :

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the specification and
Machine pictures or color
are subject to alteration
without notice!



Technical Specifications

Section thickness range	1~60μm (3~5μm Thickness leads to best section result)
Section thickness setting	1~10μm, 1μm increment
	10~20μm, 2μm increments
	20~60μm, 5μm increments
Trimming thickness	10μm and 30μm
Specimen retraction	About 60μm
Rough feeding	Operate by manually rotating rough-feeding handwheel
Specimen vertical stroke	70mm
Specimen horizontally stroke	28mm
Max. Specimen size	60mm x 50mm x 40mm
Specimen positioning	Horizontally 8°, Vertically 8°
Dimensions	560 x 470 x 320mm
Weight	About 35Kg

MH-245

Design Features

Take both aesthetics and practicality into structure design

- ✓ Ergonomical one-step Injection Molded housing(including fixing bottom studs) results in appropriate structure, attractive appearance and convenient operation, and enables to avoid resonance and lower the frictional resistance;
- ✓ Magnetic waste tray enables easy removal for cleaning, and was designed black to blend into one harmonious whole together with the main machine.

Mechanical drive system with perfect workmanship enables durable service

- ✓ Guide rails and retainer in mechanical transmission system was made in German, which are so highly precise that enables to slide with even no gap, thus results in precision and longer equipment life and free of lubrication, maintenance and noise, too;
- ✓ A precise micro motion specimen feeding system which adopted the internationally most advanced no-wheel micro-transmission to ensure precision.

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Precise, comfort, and safe slicing experience

- ✓ Fast trimming function enables fast switch between sectioning and trimming mode;
- ✓ Specimen retraction function protects specimens from blade scratching and ensures sections' integrity;
- ✓ A force balancing system in handwheel for adjusting the balancing force during slicing, making rotation light , even and smooth;
- ✓ Two Safety locking mechanism: the first safety lock is located on the handwheel, when activated, the specimen head can be fixed at the uppermost; the second locking system is positioned on the microtome base and locks the specimen head at any position.
- ✓ The blade clamp can be moved horizontally to avoid danger from unintended touch on blade. A third of the blade can do the entire slicing, which makes the blade's life time three times longer;
- ✓ Specimen positioning: horizontally 8° , vertically 8° , cassette clamp and C clamp are optional.