

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!



Technical Specifications

- ✔ Section thickness range: 1 ~ 100 μ m (3 ~ 5 μ m thickness leads to best section results)
- ✔ Section thickness setting: 1 ~ 10 μ m, in 1 μ m increment ;
10 ~ 20 μ m, in 2 μ m increments
20 ~ 50 μ m, in 5 μ m increments;
50 ~ 100 μ m, in 10 μ m increments;
- ✔ Trimming thickness: 1 ~ 600 μ m
- ✔ Trimming thickness setting: 1 ~ 10 μ m, in 1 μ m increment ;
10 ~ 20 μ m, in 2 μ m increments
20 ~ 50 μ m, in 5 μ m increments;
50 ~ 100 μ m, in 10 μ m increments;
100 ~ 600 μ m, in 50 μ m increments;
- ✔ Specimen retraction: 5 ~ 150 μ m, in 5 μ m increments (enable to shut down)
- ✔ Specimen vertical stroke: 59mm
- ✔ Specimen horizontal stroke: 25mm
- ✔ No. of section modes: 2 manual modes
- ✔ Max specimen size: 60mm $\times$ 50mm $\times$ 40mm
- ✔ Specimen positioning: horizontally 8°, vertically 8°
- ✔ Voltage: AC100~240V, 50~60Hz
- ✔ Power: 50W
- ✔ Dimensions (W $\times$ L $\times$ H): 410 $\times$ 620 $\times$ 310mm
- ✔ Weight: about 30kg

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.

Electronic touch-control system with Powerful functions and convenient operation

- ✓ Control and display by chromatic LCD touch-screen;
- ✓ Enable optional languages;
- ✓ Fast trimming function enables fast switch between sectioning and trimming mode;
- ✓ Section counting function counts total sliced pieces and thickness.
- ✓ Specimen retraction function protects specimens from blade scratching and ensures sections' integrity;
- ✓ Automatic voltage compatibility ensures to match with global voltage standards with supported range of voltage from 100V to 240V;
- ✓ Self-diagnostic prompt.

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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: controlled by a micro-computer, optical signals, and a stepper motor to ensure precise specimen feeding.

Precise, comfort, and safe slicing experience

- ✓ 16 locking spots are distributed evenly around handwheel for locking.
- ✓ 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.