

HESTION

- Histology

Daintree Scientific – Australia



ERM-4000 Fully automatic Microtome

Both electrical and manual operation.

**Full-automatic sectioning with adjustable speed and three sectioning modes:
continuous, step and single.**

Automatic specimen feed memory function improves trimming speed and quality

Spacious magnetized section waste tray

Ergonomic handwheel handle

Silver pressure plate

Available with or without specimen retraction feature

Available with clockwise or counter-clockwise operation of the coarse feed wheel

Handwheel lockable in any position via brake lever for safety

Distortion-resistant base plate ensures optimum overall stability.

Display monitors Section thickness, trimming , section counting etc.

Separate control panel is easy to operate.

Section thickness: 0 to 600 μm : 0- 2 μm ,0.5 μm increments / 2-10 μm , 1 μm increments /

10-20 μm , 2 μm increments / 20-100 μm , 5 μm increments / 100-600 μm , 50 μm increments

Trimming thickness: 0 to 600 μm : 1- 2 μm ,0.5 μm increments / 2-10 μm , 1 μm increments

/ 10-20 μm , 2 μm increments / 20-100 μm , 5 μm increments / 100-600 μm , 50 μm increments

Cutting speed 300 $\mu\text{m}/\text{second}$, and 900 $\mu\text{m}/\text{second}$

Sectioning speed: 100-420mm/s , +/- 10%

Knife holder base repositioning 50mm (east-west)

Specimen horizontal feed 20mm

Vertical stroke feed 70mm

Specimen retraction 5 to 100 μm in 5 μm increments (can be turned off)

Maximum specimen size 40*50*30mm

Specimen orientation(horizontal/vertical) +/- 8°

Accepts standard embedding cassettes

Emergency stop function: In an emergency, press red knob, and instrument stops immediately.

Dimensions: 42*55*32cm

240v 50hz

46kg

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