



SAM46 with separate control panel

| Microtome Semi-automatic

Details Info

Features:

- Display monitors a range of functions including section thickness, trimming, section counter .
- Separated control panel is easy to operate .
- Spacious magnetized section waste tray .
- Light balance handwheel with ergonomic concept design .
- Specimen Clamp with adjustable function could easily parallel the block and knife on X-Y orientation .
- Retraction function effectively avoid the specimen against the blade when it's truing around .
- Universal specimen holder fits international standard cassette.
- Handwheel locking may be activated at any position to protect specimen and improve safety standard .
- Automatic specimen feed memory function improves the trimming speed and quality .

Specification

	0 to 600μm
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Section thickness	0 to 2 $\mu$ m, 0.5 $\mu$ m increments 2 to 10 $\mu$ m, 1 $\mu$ m increment 10 to 20 $\mu$ m, 2 $\mu$ m increments 20 to 100 $\mu$ m, 5 $\mu$ m increments 100 to 600 $\mu$ m, 50 $\mu$ m increments
Trimming thickness	0 to 600 $\mu$ m 0 to 2 $\mu$ m, 0.5 $\mu$ m increments 2 to 10 $\mu$ m, 1 $\mu$ m increment 10 to 20 $\mu$ m, 2 $\mu$ m increments 20 to 100 $\mu$ m, 5 $\mu$ m increments 100 to 600 $\mu$ m, 50 $\mu$ m increments
Retraction thickness	5-100 $\mu$ m. 5 $\mu$ m increments (can deactivate)
Specimen horizontal feed	28mm
70mm	70mm
Maximum specimen	40x50x30mm, or standard cassette
Specimen holder adjusted system	Horizontal orientation: $\pm 8^\circ$ Vertical orientation: $\pm 8^\circ$
Repositioning of knife holder base ,(left-right)	50mm
Electric Coarse Feed Speed	300 $\mu$ m/s (Slow) and 900 $\mu$ m/s (Quick)
Dimension	Length: 550mm, Width: 410mm , (without handwheel, 310mm) Height: 320mm
Weight	about 37 kg