



SAM42

| Microtome Semi-automatic

Details Info

Product specifications :

- Touch Screen Panel
- Adopted Germany stepper motor drive ensure section more precisely ,more reliable and quiet.
- The touch screen panel shows section and trimming thickness ,section counter ,distance stroke of Clamp, easy to do adjustment of Trimming or Section thickness in the touch screen panel
- Special function of specimen retraction which avoid the damage due to the attrition between sample and the back of knife so that the sectioning is more smooth and the life of the knife is more longer .
- The hand wheel can be locked in any position to ensure the sectioning as safe and convenient as possible
- Universal cassette clamp and standard specimen clamp
- The waste tray can be disassembled easily
- Sample orientation:8°along the X-Y-axis, rotate 360°
- Safety alarm system, overload protection function, sleep mode protection
- Universal cassette clamp and standard specimen clamp
- The special blade carrier can use high profile blade or low profile blade

Specifications:

| | |
|----------------------------------|--|
| Section thickness range | 0- 100um |
| Setting values | from 0-10 um in 1 um –increments Form 10-20um in 2um-increments Form 20-50 um in 5um-increments Form 50-100um in 10 um-increments |
| Trimming section thickness range | 0-500um |
| Horizontal specimen stroke | 28 mm |
| vertical specimen stroke | 60mm |
| Specimen retraction | 12um |
| Specimen feed speed | 1250/2000 µm/s |
| Precision error: | ± 5% |
| Maximum section size | 50 × 45mm |
| Net weight | 30kg |
| Dimensions incl. tray | 520 x 450 x 300mm |



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