



## FAM46

| Microtome Fully-automatic

### Details Info

The Fully Automatic Microtome FAM46 provides utmost reliability, user benefit and outstanding operator comfort. Great basic stability and precision, make this microtome a real multi-purpose instrument that meets the requirements both in paraffin and hard sectioning techniques of the biological, medical and industrial lab

#### **Product specifications :**

- Fully automatic or manual model, Its two-in-one design concept, which allows motorized and manual sectioning, provides reproducible high-quality sections.
- Adopted Germany motor drive ensure slice more precisely ,more reliable and quiet.
- The touch screen shows slice and trimming thickness ,section counter ,mode and speed, stroke distance
- 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 .
- Model of Blade Carrier for High or Lower Disposable Blades
- The hand wheel can be locked in any position to ensure the sectioning as safe and convenient as possible
- The waste tray can be disassembled easily
- Safety alarm system , overload protection function, sleep mode protection
- Universal cassette clamp and standard specimen clamp
- Optional Blade carrier which can use Steel Knife or Blade Holder
- Emergency stop
- Foot Switch to control the Section
- Easy operation with Separated Control Panel

## Specification:

Section thickness range	0.5- 100µm
Setting values	From 0.5-2µm in 0.5µm –increments Form 2-10µm in 1µm -increments Form 10-20µm in 2µm –increments Form 20-50µm in 5µm –increments Form 50-100µm in 10µm increments
Trimming section thickness range	0-999µm Setting value: from 0-999µm in 1µm -increments
Cutting speed	0 – 420mm/s
Horizontal specimen stroke	28 mm
vertical specimen stroke	60mm
Specimen retraction	12µm
Specimen feed speed	1250/2000 µm/s
Sample orientation	8° along the X-Y-axis, rotatable 360°
Speed of fast forward and Fast backward	1mm/s
Precision error:	± 5%
Maximum section size	50 × 45mm
Voltage and power	220v / 50Hz or 110 v /60Hz
Net weight	35kg
Dimensions incl. tray (L/T/H)	500mm (L) X320mm (W) X500mm (H)
Pole less Speed Regulation function , cutting speed range :0.5mm/s-300mm/s	
Precise orientation of specimen clamp	



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