



SOCIETÀ ITALIANA CHIMICI
Life Sciences

Semi Automatic Rotary Microtome YD-335A (Touch Screen Panel)



Product specifications :

- Touch Screen Panel
- Adopted Germany stepper motor 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
- Optional Blade carrier which can use Steel Knife or Blade Holder
- Universal cassette clamp and standard specimen clamp
- The waste tray can be disassembled easily
- Sample orientation:8°along the X-Y-axis, rotate 360°
- Adjustment of cutting angle for blade holder from 0 to 15°

- Safety alarm system, overload protection function, sleep mode protection
- The special blade carrier can use high profile blade or low profile blade
- Blade carrier have angle adjustment
- Protection guard
- System of balance of hand wheel force: a special system to adjust the balancing force during the section, making the rotation easier and smoother

Technical Data

- Section thickness range: 0.5- 100 μ m

Setting values :

- From 0.5-2 μ m in 0.5 μ m -increments
- From 2-10 μ m in 1 μ m -increments
- From 10-20 μ m in 2 μ m -increments
- From 20-50 μ m in 5 μ m -increments
- From 50-100 μ m in 10 μ m -increments
- Trimming section thickness range :5-500 μ m (600 μ m is optional)
 - From 5-10 μ m in 10 μ m -increments
 - From 10-100 μ m in 10 μ m -increments
 - From 100-200 μ m in 20 μ m -increments
 - From 200-500 μ m in 50 μ m -increments
- Horizontal specimen stroke :20 mm (28mm is optional)
- Vertical specimen stroke : 60mm(70mm optional)
- Specimen feed speed 1250/s (click) , 2000 μ m/s(keep pressing)
- Specimen retraction :12 μ m
- Precision error: \pm 5%
- Maximum section size: 50 \times 45mm
- Dimension : 520 x 450 x 300mm
- Net weight: 30kg
- Power Supply : AC110V-220V 50Hz/60Hz

Standard Accessory

2 types Clamp

1 Blade Carrier (for disposable blade)

1 Waste Tray

4 pcs Tissue Molds

50pcs Cassettes

2 pcs Fuse

Optional Accessory

Blade Carrier(for Blade holder or Steel knife)

Blade Holder

Microtome Disposable Blade

Steel Knife

