



**SOCIETÀ ITALIANA CHIMICI**  
*Life Sciences*

## **Semi Automatic Rotary Microtome YD-335 (Button Panel)**



### **Product specifications :**

- Adopted Germany Stepper motor ensure slice more precisely ,more reliable and quiet.
- Special Blade carrier can use both of High profile blade and Low profile blade
- The LCD screen shows slice and trimming thickness ,section counter ,keyboard with controls for thickness, mode and speed
- 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
- The waste tray can be disassembled easily
- Sample orientation:8° along the X-Y-axis, rotate 360°

- Protection guard
- Safety alarm system , overload protection function, sleep mode protection
- Universal cassette clamp and standard specimen clamp
- Blade carrier have angle adjustment
- 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  $\mu$  m

Setting values :

- From 0.5-2 $\mu$ m in 0.5 $\mu$ m -increments
- From 2-10  $\mu$  m in 1  $\mu$  m -increments
- From 10-20  $\mu$  m in 2  $\mu$  m -increments
- From 20-50  $\mu$  m in 5  $\mu$  m -increments
- From 50-100  $\mu$  m in 10  $\mu$  m -increments

- Trimming section thickness range :5-500  $\mu$  m (600  $\mu$  m is optional )

- From 5-10  $\mu$  m in 10  $\mu$  m -increments
- From 10-100  $\mu$  m in 10  $\mu$  m -increments
- From 100-200  $\mu$  m in 20  $\mu$  m -increments
- From 200-500  $\mu$  m in 50  $\mu$  m -increments

- Horizontal specimen stroke :20 mm(28mm is optional )
- Vertical specimen stroke : 60mm(70mm optional )
- Specimen feed speed 1250/s (click) , 2000 $\mu$ m/s(keep pressing)
- Specimen retraction :12  $\mu$  m
- Precision error:  $\pm$  5%
- Maximum section size: 50  $\times$  45mm/55x55mm optional
- Dimension : 32 x 50 x 30cm
- Net weight: 30kg

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

See Price list for more detail !

