

Rotary Microtome YD-315



Product specifications :

key components such as guide rail ,screw mandrel, Ratchet rod are import from Japan. The **Rotary microtome YD-315** is ideal for most routine histology, biological and industrial needs. High precision & stability ensures exact reproducible section quality in wax and plastic embedded sections.

Product specifications :

- Japan Vertical cross roller bearing mechanism for maintenance free operation
- High precision specimen feed
- Universal cassette clamp and standard specimen clamp
- The hand wheel can be locked in any position or highest position , Additional 12 O' Clock locking by simply pulling the handle. The dual fail-safe control system is safe and reliable
- It adopt the special blade carrier , it is more safe and convenient to use the disposable blade directly . good durability and long service life,

- Optional blade carrier can use steel knife or blade holder .
- Two type of upper part blade holder can use both of low profile blade and high profile blade . lateral displacement to the knife base enable to use the entire length of knife /blade without removing or adjusting knife/blade
- Smoothly running hand wheel, patented gravitational force compensation system of hand wheel enables very smooth and easy turn of hand wheel to obtain a uniform stroke for excellent, perfectly stretched sections
- Spacious, integrated section waste tray
- Finger protection guard
- The microtome can be used optionally with either clockwise rotation or counter clockwise rotation for the coarse feed wheel
- Slot cover to protect the interior of the instrument from sectioning debris
- Coarse feed wheel turn with clockwise rotation or counter clockwise direction

Technical Data:

- Section thickness range: 0- 60 μ m
 Setting values : From 0-2 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 20-60 μ m in 5 μ m-increments
- Horizontal specimen stroke :28 mm
- Vertical specimen stroke : 60mm
- Precision error: \pm 5%
- Sample orientation:8°along the X-Y-axis, rotatable 90°
- Maximum section size: 50 \times 45mm
- Dimensions incl. tray (L/T/H): 30cm (L) X46cm (W) X29cm (H)
- Net weight:30kg

Standard Accessory

2 types Clamp
 1 Blade Carrier (for disposable blade)
 1 Waste Tray
 4 pcs Tissue Molds
 50pcs Cassettes

Optional Accessory

Blade Carrier (for Blade holder or Steel knife)
 Blade Holder
 Microtome Disposable Blade
 Steel Knife