

Rotary Microtome YD-1508A

Specification :

The machines have the characteristics of good stability, high precision, operating easily, good durability and long service life

Technical Data:

- 1) Section thickness range: 1-30 μm (YD -1508A), 1-25 μm (YD-1508B)
- 2) Minimum setting value: 1 μm
- 3) Precision error: $\pm 5\%$
- 4) Maximum section size: 50 \times 30mm

Rotary Microtome YD-1508A(B)

Specification :

The machines have the characteristics of good stability, high precision, operating easily, good durability and long service life

Technical Data:

- 1) Section thickness range: 1-30 μm (YD -1508A), 1-25 μm (YD-1508B)
- 2) Minimum setting value: 1 μm
- 3) Precision error: $\pm 5\%$
- 4) Maximum section size: 50 \times 30mm

Rotary Microtome YD-1508R

Specification information :

Improved machine on the basis of YD-1508A(B),Adopted Precision Roller Cross Guide. Made of strength alloy steel. Perfect performance for slice soft tissue, it used particularly to slice hard tissue, such as plastic, fibre, bone, plant, hair. The ideal microtome for research institution, laboratories, and medical pathology.

Technical Data:

- 1) Section thickness range: 1-30 μm
- 2) Minimum setting value: 1 μm
- 3) Precision error: $\pm 5\%$
- 4) Maximum section size:60 \times 30mm

Rotary Microtome YD-2508

Specification :

Roatry microtome YD-2508 is the improved model on the basis of the YD-1508 series . key components such as guide rail ,screw mandrel,Ratchet rod are import from Japan.The disposal blade can used directly ,Perfect performance to slice hard tissue, such as plastic, fibre, bone, plant, hair. The Microtome have alarm system

Technical Data:

- 1)Section thickness range: 1-40 μm
- 2) Minimum setting value: 1 μm
- 3) Precision error: $\pm 5\%$

4) Maximum section size:: 60× 40mm

5)Dimension:400×350×350mm

Manual Microtome YD-202A

Specification :

YD-202A Rotary Microtome improved in appearance and precision on the basis of microtome model YD-202. LCD show section counting,alarm system , Smooth-running hand wheel, Compact, ergonomic design

Technical Data:

- Section thickness: 1 - 25µm
- Minimum setting value: 1µm
- Maximum section size: 35 x 25mm
- Horizontal specimen stroke : 35mm
- Vertical specimen stroke : 46mm
- Dimensions: 335×350×300mm
- Net Weight: 26.5kg

Rotary Microtome YD-315

Specification information :

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 :

- New special and improved blade carrier which Non-stick with tissue section in surface
- High precision specimen feed
- Universal cassette clamp and standard specimen clamp
- The hand wheel can be locked in any position or highest position , 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
- Smoothly running hand wheel
- Spacious, integrated section waste tray
- One New coming Special Blade carrier can use both of High and Lower Disposable Blade (Optional Accessories)

Technical Data:

- Section thickness range: 0- 60um

Setting values : From 0-2 um in 0.5 um –increments

Form 2-10um in 1 um-increments

Form 10-20 um in 2 um-increments

Form 20-60um in 5 um-increments

- Horizontal specimen stroke :28 mm
- Vertical specimen stroke : 60mm
- Precision error: $\pm 5\%$
- Sample orientation:8°along the X-Y-axis,rotable 360°
- Maximum section size: 50 × 45mm
- Dimensions incl. tray (L/T/H) : 300mm (L) X570mm (W) X270mm (H)
- Net weight:34kg

Fully Automatic Microtome YD-355AT (With Remote Panel)

The Fully Automatic Microtome YD-355AT 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 Remote Control Panel

Technical Data

- Section thickness range: 0.5- 100 μ m
 - Setting values :From 0.5-2 μ m in 0.5 μ m –increments
 - Form 2-10 μ m in 1 μ m -increments
 - Form 10-20 μ m in 2 μ m -increments
 - Form 20-50 μ m in 5 μ m -increments
 - Form 50-100 μ m in 10 μ m increments
- Trimming section thickness range :0-999 μ m
 - Setting value : from 0-999 μ m in 1 μ m -increments
- Cutting speed 0 – 420mm/s
- Horizontal specimen stroke :28 mm
- Vertical specimen stroke : 60mm
- Specimen retraction :12 μ m
- Specimen feed speed 1250/2000 μ m/s
- Precise orientation of specimen clamp
- Sample orientation:8° along the X-Y-axis,rotatable 360°
- Speed of fast forward and Fast backward : 1mm/s
- Precision error: \pm 5%

- Maximum section size: 50 × 45mm
- Pole less Speed Regulation function , cutting speed range :0.5mm/s-300mm/s
- Voltage and power : 220v / 50Hz or 110 v /60Hz
- Net weight : 35kg
- Dimensions incl. tray (L/T/H) : 500mm (L) X320mm (W) X500mm (H)

Fully Automatic Microtome YD-355AT(Touch Screen Panel)

The Fully Automatic Microtome YD-355AT 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

Technical Data

- 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 :12um
- Specimen feed speed 1250/2000 µm/s
- Precise orientation of specimen clamp
- 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
- Pole less Speed Regulation function , cutting speed range :0.5mm/s-300mm/s
- Voltage and power : 220v / 50Hz or 110 v /60Hz
- Net weight : 35kg
- Dimensions incl. tray (L/T/H) : 500mm (L) X320mm (W) X500mm (H)

Semi Automatic Microtome YD-335 (Button Panel)

Product Specification:

- Adopted Germany motor drive 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°
- Safety alarm system , overload protection function, sleep mode protection
- Universal cassette clamp and standard specimen clamp

Technical Data

- Section thickness range: 0- 100um
- Specimen feed speed 1250 µm/s

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
- Precision error: ± 5%
- Maximum section size: 50 × 45mm

- Dimension : 520 x 450 x 300mm
- Net weight : 30kg

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

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

Technical Data

- 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
- Precision error: $\pm 5\%$
- Maximum section size: 50 × 45mm
- Dimension : 520 x 450 x 300mm
- Net weight : 30kg