



## MICROTOME BHTP-202

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## SEMI- AUTOMATIC MICROTOME



1. Adopting internationally advanced stepper motor drive, high slicing accuracy, smooth and quiet operation.
2. LCD screen with English menu display, buttons to adjust slice and trimming thickness, automatic slice counting, position memory, fast forward, fast rewind, and fine adjustment of the clamping head position.
3. The sample retraction function avoids damage caused by reverse friction between the specimen tissue and the section, making the blade smoother and extending the service life of the blade.
4. With automatic identification of half-cut function, turning the handwheel half a circle counterclockwise can realize automatic trimming, making slicing more efficient;
5. A variety of trimming methods, in addition to half-cutting, you can also pres

## SPECIFICATIONS

Model	BHTP-202
Section thickness Range	0.5 $\mu$ m - 100 $\mu$ m (best slicing: 3-5 $\mu$ m)
Section thickness setting	0.5~5 $\mu$ m,in 0.5 $\mu$ m incrementsa) 5~20 $\mu$ m,in 1 $\mu$ m incrementsb) 20~60 $\mu$ m,in 5 $\mu$ m incrementsc) 60~100 $\mu$ m,in 10 $\mu$ m increments
Trimming thickness Range	1-600 $\mu$ m
Trimming thickness setting	1-10 $\mu$ m step 1 $\mu$ m1~10 $\mu$ m,in 1 $\mu$ m increment ;a) 10~20 $\mu$ m,in 2 $\mu$ m incrementsb) 20~50 $\mu$ m,in 5 $\mu$ m increments;c) 50~100 $\mu$ m,in 10 $\mu$ m increments;d) 100~600 $\mu$ m,in 50 $\mu$ m increments
Specimen Horizontal stroke	20 mm
Specimen Vertical stroke	55 mm
Specimen Retraction	20 $\mu$ m
Maximal slice section	50 x 45 mm
Slip precision	$\pm$ 5%
Instrument Dimensions	530 x 520 x 450 mm
Net Weight	32 kg
Package Info	
--Package	Wooden Case
--Package Dimensions	520 x 520 x 450 mm
--Gross Weight	43 kg
Alt Name	Semi- automatic Microtome

## ITEMS INCLUDED

No	Name	Unit
1	Disposable Blade Holder	1 pc
2	Specimen Cassette	1 pc
3	Fuse	2 pcs (2A)
4	Power line	1 line
5	Hexagonal Wrench	1 set
6	Brush	1 pc

## ACCESSORIES FOR PURCHASE

No	Name
1	Paraffin Wax Holder
2	Feather Microtome Blade

## FEATURES

1. Adopting internationally advanced stepper motor drive, high slicing accuracy, smooth and quiet operation.
2. LCD screen with English menu display, buttons to adjust slice and trimming thickness, automatic slice counting, position memory, fast forward, fast rewind, and fine adjustment of the clamping head position.
3. The sample retraction function avoids damage caused by reverse friction between the specimen tissue and the section, making the blade smoother and extending the service life of the blade.
4. With automatic identification of half-cut function, turning the handwheel half a circle counterclockwise can realize automatic trimming, making slicing more efficient;
5. A variety of trimming methods, in addition to half-cutting, you can also press the fine-tuning button while turning the handwheel to achieve trimming, which is faster;
6. Two-in-one knife holder, which can easily switch between wide and narrow blades
7. Slicing is smoother and the service life of the blade is extended.
8. The handwheel can be locked at any position, making section safer and more convenient.
9. A large capacity waste tray that is easy to disassemble, ensuring clean and hygienic section work.
10. With automatic reset function, the device will automatically return to the starting point after starting or running to the limit position.



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