



MICROTOME

MICROTOME BHM111

ROTARY MICROTOME



1. It have clipper -built case , the user can put blade , wax block ,or other consumable one the top of case . it is easy .
2. It do not need to lubricate and maintain the microtome frequently .
3. The hand wheel in the right can be locked in any position , and the handle can be locked in highest position , it is double safe for changing blade or tissue block .
4. The specimen Orienting system: axes X and Y 8°, axis 180°.
5. It adopt the special blade holder , it is more safe and convenient to use the disposable blade directly it also can to longer the user life of disposable blade.

SPECIFICATIONS

Model	BHM111
Old Model	BHTP-203
Section thickness Range	0-60 μ m
Section thickness setting	0-2 μ m in 0.5 μ m -incrementsa) 2-10 μ m in 1 μ m-incrementsb) 10-20 μ m in 2 μ m-incrementsc) 20-60 μ m in 5 μ m-increments
Specimen Horizontal stroke	20 mm
Specimen Vertical stroke	50 mm
Slip precision	$\pm$ 5%
Maximal slice section	50 x 45 mm
Specimen adjustment direction	Horizontal 8°, Vertical 8°, Rotating 360°
Blade holder base movement	Front/back $\pm$ 25 mm, Left/right $\pm$ 25 mm
Blade holder angle	0-10°
Net Weight	30 kg
Instrument Dimensions	500 x 480 x 280 mm
Package Info	
--Package	Wooden Case
--Package Dimensions	520 x 520 x 450 mm
--Gross Weight	41 kg
Alt Name	Rotary Microtome

ITEMS INCLUDED

No	Name	Unit
1	Disposable Blade Holder	1 pc
2	Specimen Cassette Clamp	1 pc
3	Hexagonal Wrench	1 set
4	Brush	1 pc

ACCESSORIES FOR PURCHASE

No	Name
1	Paraffin Wax Holder
2	Feather Microtome Blade

MICROTOME BHM1H1

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	BHM1H1
Old Model	BHTP-202
Section thickness Range	0.5 μ m - 100 μ m (best slicing: 3-5 μ m)
Section thickness setting	0.5~5 μ m,in 0.5 μ m incrementsa) 5~20 μ m,in 1 μ m incrementsb) 20~60 μ m,in 5 μ m incrementsc) 60~100 μ m,in 10 μ m increments
Trimming thickness Range	1-600 μ m
Trimming thickness setting	1-10 μ m step 1 μ m1~10 μ m,in 1 μ m increment ;a) 10~20 μ m,in 2 μ m incrementsb) 20~50 μ m,in 5 μ m increments;c) 50~100 μ m,in 10 μ m increments;d) 100~600 μ m,in 50 μ m increments
Specimen Horizontal stroke	20 mm
Specimen Vertical stroke	55 mm
Specimen Retraction	20 μ 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.

MICROTOME BHM1G1

FULLY AUTOMATIC MICROTOME



1. Streamlined molded housing results in attractive appearance and is easy to clean.
2. Full-automatic sectioning with adjustable speed and three sectioning modes: continuous, step and single.
3. LED display
4. Electronic trim function makes it easy to switch from trim and section mode
5. Specimen retraction mechanism protects specimen from unintended blade damage
6. Section counting function counts total section pieces and total thickness.
7. Unit contains a precise micro motion specimen feeding system which uses a micro computer, optical signal and stepper motor to control specimen feeding resulting in more p

SPECIFICATIONS

Model	BHM1G1
Old Model	BHTP-201
Section thickness Range	0.5 μ m - 100 μ m (best slicing: 3-5 μ m)
Section thickness setting	0.5~5 μ m,in 0.5 μ m incrementsa) 5~20 μ m,in 1 μ m incrementsb) 20~60 μ m,in 5 μ m incrementsc) 60~100 μ m,in 10 μ m increments
Trimming thickness Range	1-600 μ m
Trimming thickness setting	1~10 μ m,in 1 μ m increment ;a) 10~20 μ m,in 2 μ m incrementsb) 20~50 μ m,in 5 μ m increments;c) 50~100 μ m,in 10 μ m increments;d) 100~600 μ m,in 50 μ m increments;
Specimen Retraction	10-150 μ m adjustable (can be closed), step 1 μ m
Vertical stroke	60 mm
Horizontal stroke	25 mm

Max specimen size with clamp	55 mm x 45 mm
Dimensions (WxDxH)	570 x 510 x 490 mm
Net Weight	34.6 kg
Package Info	
--Package	Wooden Case
--Package Dimensions	695 x 525 x 480 mm
--Gross Weight	45 kg
Alt Name	Fully 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. Streamlined molded housing results in attractive appearance and is easy to clean.
2. Full-automatic sectioning with adjustable speed and three sectioning modes: continuous, step and single.
3. LED display
4. Electronic trim function makes it easy to switch from trim and section mode
5. Specimen retraction mechanism protects specimen from unintended blade damage
6. Section counting function counts total section pieces and total thickness.
7. Unit contains a precise micro motion specimen feeding system which uses a micro computer, optical signal and stepper motor to control specimen feeding resulting in more precise specimen feeding.
8. Internationally accepted slide mechanism and groove ensures the precision of specimen movement while making the unit free from lubrication and maintenance requirements.
9. Unit contains a handwheel force balancing system for adjusting the balancing force during sectioning, making rotation even and smooth;
10. Two safety locking mechanisms on the handwheel; one locks on the top; the other locks at any position
11. The disposable blade can move horizontally to avoid the dangers of unintended contact with the blade. Every blade cuts specimen into three equal parts, which ensures the entire use of blade edge.
12. The waste tray collects sectioning debris are easily removed for cleaning
13. Cassette clamp and C clamp are optional
14. Specimen orientation on X/Y axes 8°
15. Alarm to warn of forward or backwards limitation.
16. Self-diagnostic prompt.
17. Emergency stop and foot switch (optional)



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