



## MICROTOME BHTP-201

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## 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	BHTP-201
Section thickness Range	0.5 $\mu\text{m}$ - 100 $\mu\text{m}$ (best slicing: 3-5 $\mu\text{m}$ )
Section thickness setting	0.5~5 $\mu\text{m}$ ,in 0.5 $\mu\text{m}$ incrementsa) 5~20 $\mu\text{m}$ ,in 1 $\mu\text{m}$ incrementsb) 20~60 $\mu\text{m}$ ,in 5 $\mu\text{m}$ incrementsc) 60~100 $\mu\text{m}$ ,in 10 $\mu\text{m}$ increments
Trimming thickness Range	1-600 $\mu\text{m}$
Trimming thickness setting	1~10 $\mu\text{m}$ ,in 1 $\mu\text{m}$ increment ;a) 10~20 $\mu\text{m}$ ,in 2 $\mu\text{m}$ incrementsb) 20~50 $\mu\text{m}$ ,in 5 $\mu\text{m}$ increments;c) 50~100 $\mu\text{m}$ ,in 10 $\mu\text{m}$ increments;d) 100~600 $\mu\text{m}$ ,in 50 $\mu\text{m}$ increments;
Specimen Retraction	10-150 $\mu\text{m}$ adjustable (can be closed), step 1 $\mu\text{m}$
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

## 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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