



## SEMI AUTOMATIC CRYOSTAT BHTP-103

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Cryostat is a machine that enables the operator to section the tissue at low temperature. A high-throughput cryostat produces quality sections that helps provide an accurate diagnosis.

Used in Tissue biopsy, Slice tissue slide, Magnetic Resonance Imaging (MRI), Pathological diagnosis, Analysis and Research in Hospital and Medical colleges..

Also known as Ultrafine "deli-slicer".

## BHTP-103 SEMI AUTOMATIC CRYOSTAT



Adjustable cool plate temperature with -45°C minimum. Super large, may hold 28 chucks at meantime. New designed hammer make the tissues platter than the traditional one. Adjustable temperature with -50 °C minimum. Cutting angle is 12° universally adjustable to meet varieties of needs. Retraction function to avoid scratches on specimen. Freezing chamber adjustable temperature with - 40 °C minimum. The handwheel can be locked at any position. Injection moulding shell with mild feeling is durable and easy to clean. 40 decibel silent freezing system with dual compressors made in Germany. Blade holder auto pump-blade device may avoid incised wound. Anti-fog glass window.

## SPECIFICATIONS

Model	BHTP-103
Freezing chamber temperature range	- 40 °C ~ -10 °C
Freezing shelf minimum temperature	- 45 °C
Chuck holder minimum temperature	- 50 °C
Minimum temperature of Peltier element on freezing shelf	- 60 °C
Number of Peltier element cooling spot	2
Maximum specimen size	50×80 mm
Chuck hold maximum adjustable angle	12 °
Specimen vertical stroke	70 mm
Specimen horizontal stroke	20 mm
Rough feeding speed	(0.9 mm/s; 0.3 mm/s)
Section thickness range 1 μm~100 μm adjustable	1 μm ~ 20 μm, in 1 μm increments
Section thickness range 1 μm ~ 100 μm adjustable	50 μm~100 μm, in 5 μm increments.
Trimming thickness range 10 μm ~ 400 μm adjustable	50 μm ~ 100 μm, in 10 μm increments
Trimming thickness range 10 μm ~ 400 μm adjustable	100 μm ~ 400 μm, in 50 μm increments
Retraction range 0μm~80μm adjustable, in 5μm increment	0 μm ~ 80 μm adjustable, in 5 μm increment
Voltage and frequency	AC 220 V ± 10 %, 50 Hz (Standard) or AC 110 V ± 10 %, 60 Hz
Power	800 W
Net weight	125 kg
Dimensions(W×D×H)	660×640×1130 mm



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