

## Thaw Tester

BTT-1 and BTT-4B thawing time limit tester is used to inspect the condition of thawing, softening or dissolution of solid preparations such as suppositories or vaginal tablets under the prescribed conditions.



### Features:

- \* LCD Display
- \* Three-beaker, three-path, three-path synchronization. Manual overturn for BTT-1, automatic overturn for BTT-4B.
- \* Transparent sleeve, stainless steel net racks.
- \* Automatic temperature control, automatic time keeping.
- \* Timing overturn indication forecast and fault alarm. (only for BTT-4B)
- \* Magnetic water pump circulating water flow uniform heat system is adopted, and bath temperature is uniform.
- \* Double-functional head which can lift and descend electrically and turn over manually. (only for BTT-4B)

### Technical Parameters:

Model	BTT-1	BTT-4B
Number of Sleeve	3 pieces	
Hyaline Sleeve Inner Size	Φ52*H60mm	
The Net Frame of Stainless Steel	2 pieces/diameter 50mm/each 39 holes of 4mm	
Automatic Time Range	10~900min	
Time Precision	±0.5min	
Temperature Control Range	20~45°C	
Temperature Control Precision	±0.5°C	
Volume of Beaker	5L*3	
Power Supply	AC110/220V±10%, 50/60Hz	
Package Size(W*D*H) mm	770*510*830	750*480*850
Gross Weight(kg)	45	64

## Melting Point Tester

Melting point tester adopts capillary tube as sample tube and liquid temperature transfer mode prescribed in Pharmacopoeia. It is suitable for testing melting points of pharmaceutical, chemical reagents, spices, dye etc.

### Features:

- \* Equipped with thermo sensitive mini printer.
- \* Automatic magnetic stirring system, oil bath temperature is uniform.
- \* High-precision temperature sensor, can correct non-linear error automatically.
- \* Automation: automatic measurement, automatic diagnosis and automatic alarm.
- \* Full-automatic frequency converting control, has high temperature control precision and small linear error of heating rate.



### Technical Parameters:

Model	MPTD-1
Melting Point Test Range	RT ~ 270°C
Heating Rate	four levels: 0.5°C/min; 1°C/min; 1.5°C/min; 3.0°C/min
Deviation of Linear Heating Rate	<5%
Temperature Transfer Medium	Methyl silicone oil
Liquid Cup for Temperature Transfer	250ml beaker in tall form
Melting Point Test Precision	±0.5°C, Melting Point < 200°C ±1.0°C, Melting Point ≥ 200°C
Indicating Value Resolution	0.1 °C
Operational Environment Temperature	18°C~28°C
Interface	Standard serial printing interface, with micro-printer.
Power Supply	AC110/220V±10%, 50/60Hz
Dimensions(W*D*H)mm	200*320*305
Packing Size(W*D*H)mm	410*295*430
Gross Weight(kg)	7