

# BTH-100/100D/BTC-100D Dual temperature control dry bath incubator

## Dry Bath Incubator Series

### Introduction

Dual temperature control dry bath incubator is a microcomputer controlled constant temperature dry bath device, high temperature control accuracy, good parallelism of sample preparation, to replace the traditional water bath device, can be widely used in sample preservation and reaction, DNA amplification and electrophoresis pre-denaturation, serum coagulation and so on. Application industry throughout the pharmaceutical, chemical, food safety, quality testing, environment and so on.

### Feature

1. Unique dual temperature control slot can individually control temperature to make sure noninterference. One equipment to meet the demands for more experiments.
2. OLED display, simple interface, double time and temperature setting, simultaneous temperature and diminishing time display.
3. Fast heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise.
4. Built in temperature calibration function, automatic fault detection and buzzer alarm function.
5. Built in over-temperature protection device, safe and reliable, enhance the service life of the machine.
6. Product designed compact and tight, occupied little space. Using freer and easier.
7. Various blocks for convenient replacement, easy for cleaning and disinfection.
8. Perfect high block sealing cartridge with cover can make 15 / 50ml high block totally enclosed with dry bath.



### Parameter

Model	BTH-100D (Dual Heating)	BTC-100D (Dual Cooling)	BTH-100 (Left Cooling, Right heating)
Temp. Control Range	R.T.+5°C~105°C	-10°C~105°C	Heating: R.T.+5°C ~105°C Cooling: -10°C ~105°C
Temp. Setting Range	5°C~105°C	-10°~105°C	Heating: 5°C ~105°C Cooling: -10°C ~105°C
Temp. Max. Decrease	/	R.T. decreases 25°C@R.T. 26°C	Cooling: R.T. decreases 25°C@R.T. 26°C
Temp. Stability@100°C	±0.5°C	±0.5°C	±0.5°C
Temp. Stability@40°C	0.3°C	0.3°C	0.3°C
Block Temp. Uniformity	±0.3°C	±0.3°C	±0.3°C
Temp. Display Accuracy	0.1°C	0.1°C	0.1°C
Heating Speed	≤15min (20°C to 100°C)(Except BT-F/G)	≤15min (20°C to 100°C)(Except BT-F/G)	≤15min (20°C to 100°C)(Except BT-F/G)
Max. temp.	105°C	105°C	105°C
Cooling Speed	/	≤25min (R.T. decrease 25°C)@R.T.26°C	≤25min (R.T. decrease 25°C)@R.T.26°C
Time Range	1min~99h59min or continuous	1min ~99h59min or continuous	1min ~99h59min or continuous
Voltage	AC 220V/AC 110V, 50/60Hz	AC 100~ 230V, 50/60Hz	AC 220V / AC 110V, 50/60Hz
Power	150W	200W	170W
Fuse	250V,2A/4A, Φ5×20	250V,2A/4A, Φ5×20	250V,2A/4A, Φ5×20
Dimension (WxDxH)	W.240 x D.260 x H.168mm	W.240 x D.260 x H.168mm	W.240 x D.260 x H.168mm
Net Weight	2.6kgs	3.0kgs	2.6kgs

## Accessories



BT-A



BT-B



BT-C



BT-D



BT-E



BT-F



BT-G



BT-HH High Block Holder  
(Suitable for block BT-F & BT-G)



BT-SC Standard Transparent Cover  
(Suitable for Block BT-A to BT-E)



BT-HC High Module Transparent Cover  
(Suitable for BT-F/BT-G High Module Insulation Cover)



## Accessories Parameter

Cat#	Dia. of hole	Spec	Quantity of tube	Quantity can be Accommodated
BT-A	6.1mm	0.2ml tube	24x0.2ml	8 pieces
BT-B	8mm	0.5ml tube	12x0.5ml	8 pieces
BT-C	10.8mm	1.5ml tube	6x1.5ml	8 pieces
BT-D	10.8mm	2.0ml tube	6x2.0ml	8 pieces
BT-E	6.1mm	0.2ml tube/96-well PCR plate	96x0.2ml	2 standard PCR plates
BT-F	16.9mm	15ml tube	6x15ml	4 pieces
BT-G	29.2mm	50ml tube	3x 50ml	4 pieces
BT-H	Customized	Customized	Customized	Customized