

## TT-100-DHT/ TT-100-DHC Dry Bath Incubator

### HIGHLIGHTS

- Available with heat only or heat & cool models
- Various blocks options for microtubes, PCR plates and other small vessels
- Simultaneous indication of set and actual temperature
- Up to 5 consecutive multiple program setting
- Built-in temperature calibration
- Custom blocks available upon request

TT-100-DHT/ TT-100-DHC Dry Bath Incubator is designed for maintaining constant temperature (heating only or heating and cooling) of sample in small volume tubes and PCR plate.

### APPLICATIONS

Sample preparation during enzyme reactions, hybridization reactions, DNA analysis

### EACH STANDARD SET INCLUDES

- TT-100-DH-CLA Standard Cover Lid



TT-100-DHT/DHC



## TECHNICAL DATA

Specifications	TT-100-DHT Dry Bath Incubator	TT-100-DHC Dry Bath Incubator
Temperature control range	R.T. +5 -100°C	R.T. +5 -100°C
Temperature stability at 100°C	≤±0.5°C	≤±0.5°C
Temperature stability at 40°C	≤±0.3°C	≤±0.3°C
Block temperature uniformity	≤±0.3°C	≤±0.3°C
Temperature display accuracy	0.1°C	0.1°C
Heating speed	≤15 min (20°C to 100°C)	≤15 min (20°C to 100°C)
Cooling speed	N/A	≤30 min (R.T. to R.T. -30 at 26°C)
Time range	1min – 99h 59min or continuous	1min – 99h 59min or continuous
Voltage	AC 110V or AC 220V, 50/60 Hz	AC 100 – 240V, 50/60 Hz
Power	150W	150W
Fuse	250V, 1A/2A, Ø5x20	250V, 3A, Ø5x20
Dimension (W x D x H)	196 x 270 x 170 mm	196 x 270 x 170 mm
Net weight	2.2 kg	3.5 kg
Permissible ambient temperature	5 – 30°C	5 – 30°C
Permissible relative humidity	≤70%	≤70%

## ORDERING INFORMATION

Cat. No.	Dry Bath Incubator
TT-100-DHT-110V	Dry Bath Incubator TT-100-DHT, Heating, R.T. +5-100°C, AC 110V
TT-100-DHT-220V	Dry Bath Incubator TT-100-DHT, Heating, R.T. +5-100°C, AC 220V
TT-100-DHC	Dry Bath Incubator TT-100-DHC, Cooling, -10-100°C, AC 100-240V

## OPTIONAL ACCESSORIES

Cat. No.	Block for Dry Bath Incubator	Diameter of block well	Bottom shape of block well	Dimension
TT-100-DH-Block-A	96 x 0.2 ml	6.7 mm	Cone bottom	107 x 71 x 20 mm
TT-100-DH-Block-B	54 x 0.5 ml	8.0 mm	Cone bottom	107 x 71 x 25 mm
TT-100-DH-Block-C	35 x 1.5 ml	10.8 mm	Cone bottom	107 x 71 x 32 mm
TT-100-DH-Block-D	35 x 2.0 ml	10.8 mm	Round bottom	107 x 71 x 32 mm
TT-100-DH-Block-E	20 x 0.5 ml + 15 x 1.5 ml	8.0 mm / 10.8 mm	Cone bottom	107 x 71 x 32 mm
TT-100-DH-Block-F	24 x dia. ≤ 12 mm	12.0 mm	Flat bottom	107 x 71 x 32 mm
TT-100-DH-Block-G	32 x 0.2 ml + 25 x 1.5 ml	6.1 mm x 10.8 mm	Cone bottom	107 x 71 x 32 mm
TT-100-DH-Block-H	32 x 0.2 ml + 10 x 0.5 ml + 15 x 1.5 ml	6.1 mm / 8.0 mm / 10.8 mm	Cone bottom	107 x 71 x 32 mm
TT-100-DH-Block-I	Water bath block	103 x 67 x 30 mm	Flat bottom	107 x 71 x 32 mm
TT-100-DH-Block-J	Flat bottom plate	69 x 107 x 12 mm	Flat bottom plate	116 x 71 x 15 mm
TT-100-DH-Block-K	24 x 5 ml	13.5 mm	Flat bottom	107 x 71 x 32 mm
TT-100-DH-Block-L	12 x 15 ml	16.9 mm	Flat bottom	107 x 71 x 100 mm
TT-100-DH-Block-M	6 x 50 ml	29.5 mm	Flat bottom	107 x 71 x 100 mm

Note: Maximum speed for shaking blocks TT-100-DH-Block-K, TT-100-DH-Block-L and TT-100-DH-Block-M are 600 rpm.

Cat. No.	Cover lid
TT-100-DH-CLA	Cover Lid for Dry Bath Incubator, Standard Height, For TT-100-DH-Block-A to H, J
TT-100-DH-CLB	Cover Lid for Dry Bath Incubator, Extended Height, For TT-100-DH-Block-I, K to M

  

				
TT-100-DH-Block-A	TT-100-DH-Block-B	TT-100-DH-Block-C	TT-100-DH-Block-D	TT-100-DH-Block-E
				
TT-100-DH-Block-F	TT-100-DH-Block-G	TT-100-DH-Block-H	TT-100-DH-Block-I	TT-100-DH-Block-J
				
TT-100-DH-Block-K	TT-100-DH-Block-L	TT-100-DH-Block-M	TT-100-DH-CLA	TT-100-DH-CLB