

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

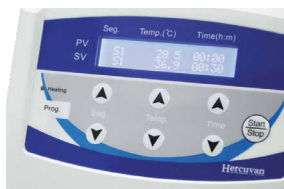
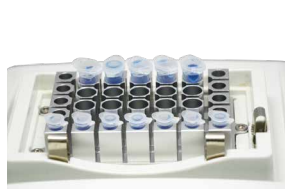
Sample preparation during enzyme reactions, hybridization reactions, DNA analysis

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	-10 – 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