

DTC-100/DTH-100/DTC-4 Dry Bath Incubator

Dry Bath

Introduction

DTC-100/DTH-100 has high precision of temperature control and good sample preparation parallelism with microprocessor-controlled thermostat to replace the traditional water bath devices. It can be widely used in the cultivation and preservation of samples , DNA amplification, the electrophoresis of denaturation and serum coagulation. Application sectors throughout pharmaceutical, chemical, food safety, environment, quality inspection, etc.

Feature

1. Fast heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise.
2. Built in temperature calibration function, automatic fault detection and buzzer alarm function.
3. Built in over-temperature protection device, safe and reliable, enhance the service life of the machine.
4. Product designed compact and tight, occupied little space. Using freer and easier.
5. Various blocks for convenient replacement, easy for cleaning and disinfection.
6. Power recovery function can restore the original run automatically after recovered.(DTC-100)
7. Programmable function. It can also set continuous operation by uncertain time (Except DTC-4) .
8. LCD display. Cool and compact designed appearance. Simultaneous display temperature and diminishing time (Except DTC-4).



Parameter

DTC-4

DTH-100/DTC-100

Model	DTH-100	DTC-100	DTC-4
Temp. Control Range	R.T.+5°C~100 °C	-10°C ~100°C	4 °C constant
Temp. Max. Decrease	/	R.T. decreases 30°C@R.T. 26°C	/
Temp. Setting Range	5°C~100 °C	-10°C ~100°C	4°C
Temp. Stability@100°C	±0.5°C	±0.5°C	/
Temp. Stability@40°C	±0.3°C	±0.3°C	/
Temp. Stability@4°C	/	/	±0.5°C
Block Temp. Uniformity	±0.3°C	±0.3°C	±0.5°C
Temp. Display Accuracy	0.1°C	0.1°C	/
Heating Speed	≤15min (20°C to 100°C)	≤15min (20°C to 100°C)	/
Cooling Speed	/	≤30min (R.T. decreases 30°C) @R.T. 26°C	≤10min(Depending on blocks)
Time Range	1min~99h59min or continuous	1min ~ 99h59min or continuous	/
Voltage	AC 220V / AC 110V, 50/60Hz	AC90~230V, 50/60Hz	AC90~230V, 50/60Hz
Power	150W	150W	100W
Fuse	250V, 1A/2A, Φ5x20	250V, 3A, Φ5x20	250V, 3A, Φ5x20
Dimension	W.196 x D.270 x H.170mm	W.196 x D.270 x H.170mm	W.196 x D.270 x H.170mm
Net Weight	2.2kgs	3.5kgs	3.5kgs

Accessories



Choose J block can be used with 96-well ELISA plate and 96-well PCR plate (half skirt, full skirt)

Choose J block can be used with deep well plate

Notice: K/L/M are not standard block.

Accessories Parameter

Cat#	Spec	Dia. of hole	Hole bottom shape	Block dimension
A	0.2 ml x 96	6.7 mm	Cone bottom	107 x 71 x 20 mm
B	0.5 ml x 54	8 mm	Cone bottom	107 x 71 x 25 mm
C	1.5 ml x 35	10.8 mm	Cone bottom	107 x 71 x 32 mm
D	2.0 ml x 35	10.8 mm	Round bottom	107 x 71 x 32 mm
E	0.5 ml x 20 + 1.5ml x 15	8 mm / 10.8mm	Cone bottom	107 x 71 x 32 mm
F	≤Φ12mm x 24	12 mm	Flat bottom	107 x 71 x 32 mm
G	0.2 ml x 32 + 1.5ml x 25	6.1 mm / 10.8mm	Cone bottom	107 x 71 x 32 mm
H	0.2 ml x 32 + 0.5 ml x 10 + 1.5ml x 15	6.1 mm / 8 mm / 10.8 mm	Cone bottom	107 x 71 x 32 mm
I	Water Bath	103 x 67 x 30 mm	Flat bottom	107 x 71 x 32 mm
J	Flat bottom plates	Top size 69 x 107 x 12 mm	Flat plate block	116 x 71 x 15 mm
K	5 ml x 24	13.5 mm	Flat bottom	107 x 71 x 32 mm
L	15 ml x 12	16.9 mm	Flat bottom	107 x 71 x 100 mm
M	50 ml x 6	29.5 mm	Flat bottom	107 x 71 x 100 mm
N	Customized	Customized	Customized	Customized