

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).



DTC-4

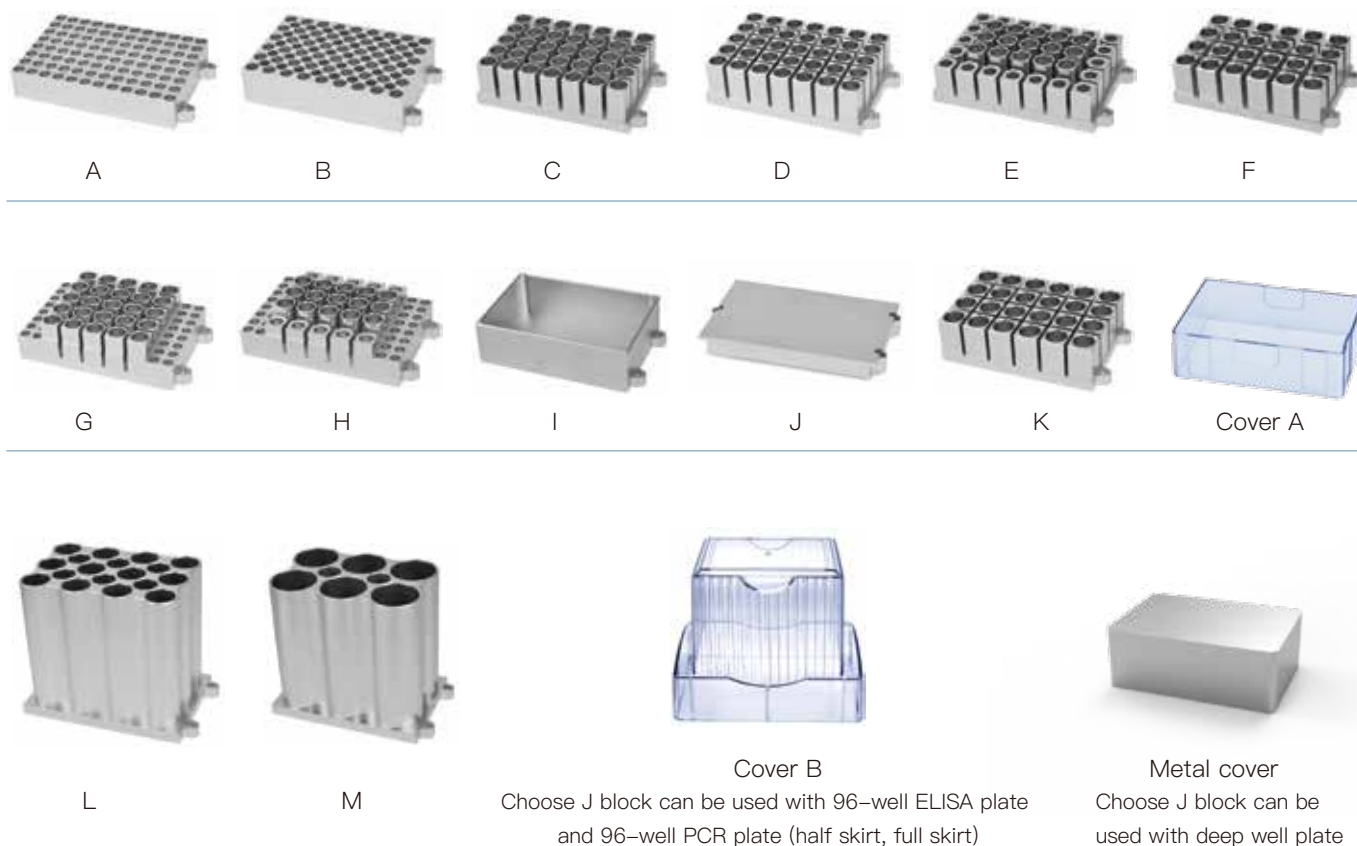


DTH-100/DTC-100

Parameter

| 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



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 |