

DT Series

Dry Bath Incubator

DRY BATH INCUBATOR DT-Series is a microprocessor-controlled device, high precision of temperature control, sample preparation parallelism, as an alternative to the traditional water bath device. It can be widely used in samples cultivation, preservation and reaction, DNA amplification, Pre degeneration of electrophoresis and solidification. Application of industry includes the pharmaceutical, chemical, food safety, environment, quality inspection.



Feature

Ensure quality, service and development, the pursuit of excellence and persistence!

1. LCD display, simple interface, double time and temperature settings, Simultaneous display of set temperature display, time diminishing display.
2. High heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise.
3. Built in temperature calibration function, automatic fault detection and buzzer alarm function.
4. Built in over-temperature protection device, safe and reliable use, prolong the service life of the machine.
5. Product design, compact and tight, small occupied space, freer and easier.
6. Various blocks for convenient replacement, cleaning and disinfection.



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Parameters

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| Model | DTH-100 | DTC-100 |
|------------------------|------------------------------|---|
| Temp. Control Range | R.T.+5 ~ 100 °C | -10 ~ 100 °C |
| Temp. Max. Decrease | / | R.T. decreases 30 °C |
| Temp. Setting Range | 5 ~100 °C | -10 ~100 °C |
| Temp. Stability@100 °C | ≤±0.5 °C | ≤±0.5 °C |
| Temp. Stability@40 °C | ≤±0.3 °C | ≤±0.3 °C |
| Block Temp. Uniformity | ≤±0.3 °C | ≤±0.3 °C |
| Temp. Display Accuracy | 0.1 °C | 0.1 °C |
| Heating Speed | ≤15min (20 to 100 °C) | ≤15min (20 to 100 °C) |
| Cooling Speed | / | ≤30min (R.T. decrease 30 °C) @R.T. 26 °C |
| Time Range | 1min ~99h59min or continuous | 1min ~ 99h59min or continuous |
| Voltage | AC 220V / AC 110V, 50/60Hz | AC 90 ~230V, 50/60Hz |
| Power | 150W | 150W |
| Fuse | 250V, 1A/2A, Φ5x20 | 250V, 3A, Φ5x20 |
| Dimension (WxDxH) | 196 x 270 x 170mm | 196 x 270 x 170mm |
| Net Weight | 2.2kgs | 3.5kgs |



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Optional Accessories

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| 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 | $\leq \Phi 12\text{mm}$ 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 |

