

## DW-ES1000 Dry Bath Incubator(Heating lid)

### Description

The DW-ES1000 Dry Bath Incubator is a semi-conductor controlled heating & cooling instrument with automatic temperature control design. The flexible timer, constant temperature function and multi-point operation mode make it a unique and an ideal lab instrument.

### Features

1. Instantly displays operation information on the LCD screen.
2. Has combined temperature control system and block system. Each block has a built-in temperature sensor and heating/cooling unit, ensuring that temperature control is more accurate and the heating speed is much faster.
3. Interchangeable, auto-recognized blocks.
4. Adjustable heating lid. Temperature of heating lid can be controlled.
5. Multi-point(max. 5 points) and Multi-cycle( Max.99 times) operation modes are provided.
6. Auto restart in case of power failure.
7. Over-heating protection device is included.
8. Built-in temperature calibration function.



### Parameters

Model	DW-ES1000	
Block	DW-ES series	DW-ESC series
Temp setting range	0°C~100°C	-10°C~100°C
Temp control range	RT+5°C~100°C	RT.-25°C~100°C
Time range	1sec ~ 99h59min/∞	1sec ~ 99h59min/∞
Temp accuracy	≤±0.3°C@37°C	≤±0.3°C@37°C
Display accuracy	0.1°C	0.1°C
Temp uniformity	≤±0.3°C@37°C	≤±0.3°C@37°C
Heating time	≤12min(from 25°C to 100°C)*	≤12min(from 25°C to 100°C)*
Cooling time 1	---	≤12min(from 100°C to 25°C)*
Cooling time 2	---	≤25min(from RT to RT-25°C)*
Heating lid temp setting range	OFF~+10°C	OFF~+10°C
Heating lid temp accuracy	≤±0.5°C*	≤±0.5°C*
Heating lid heating time	≤10min(from 25°C to 100°C)*	≤10min(from 25°C to 100°C)*
Storage at 4°C	---	Yes *
Multi-points running	Yes(Max 5points)	Yes(Max 5points)
Multi-cycle	Yes(Max 99times)	Yes(Max 99times)
Auto running	Yes	Yes
Auto heating	Yes	Yes
Auto resume to run	Yes	Yes
Capacity	See optional block	See optional block
Power	150W	150W
Voltage	AC110 or AC220V/50-60HZ	AC110 or AC220V/50-60HZ
Fuse	250V 3A Φ5×20	250V 3A Φ5×20
Dimension(mm)	300x200x210	300x200x210
Weight(kg)	4.0	4.7

\* Test condition : RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy is ±0.1°C.

### Optional Blocks

Type	Capacity	Temp. range
ESC-01	35x2.0ml centrifuge tube	RT-25°C~100°C
ESC-02	35x1.5ml centrifuge tube	RT-25°C~100°C
ESC-03	54x0.5ml centrifuge tube	RT-25°C~100°C
ESC-04	96x0.2ml centrifuge tube	RT-25°C~100°C
ESC-05	96x0.2ml Elisa plate	RT-25°C~100°C
ES-06	35x2.0ml centrifuge tube	RT+5°C~100°C
ES-07	35x1.5ml centrifuge tube	RT+5°C~100°C
ES-08	54x0.5ml centrifuge tube	RT+5°C~100°C
ES-09	96x0.2ml centrifuge tube	RT+5°C~100°C
ES-10	96x0.2ml Elisa plate	RT+5°C~100°C

