

Dry Bath Incubator (heating lid)

ES1000



Description:

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:

- ▶ Instantly displays operation information on the LCD screen.
- ▶ 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.
- ▶ Blocks are interchangeable and auto-recognized.
- ▶ Adjustable heating lid. Temperature of heating lid can be controlled.
- ▶ Auto restart in case of power failure.
- ▶ Built-in over-temperature protection device.
- ▶ Built-in temperature calibration function.



Technical Specifications:

Model	ES1000	
	ES series	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
Temp. accuracy	≤±0.3°C @37°C*	≤±0.3°C @37°C*
Temp. uniformity	≤±0.3°C @37°C*	≤±0.3°C @37°C*
Display accuracy	0.1°C	0.1°C
Timing range	1sec~99h59min/∞	1sec~99h59min/∞
Heating time	≤12min(from 25°C to 100°C)*	12min(from 25°C to 100°C)*
Cooling time	-	12min(from 100°C to 25°C)*
Cooling time	-	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 5 points)	Yes(Max 5 points)
Multi cycle	Yes(Max 99 times)	Yes(Max 99 times)
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)	300×200×210	300×200×210
Weight(kg)	4.0	4.7

Optional blocks:

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

