

# 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.
- ◆ Interchangeable, auto-recognized blocks.
- ◆ Adjustable heating lid. Temperature of heating lid can be controlled.
- ◆ Multi-point(max. 5 points) and Multi-cycle( Max.99 times) operation modes are provided.
- ◆ Auto restart in case of power failure.
- ◆ Over-heating protection device is included.
- ◆ Built-in temperature calibration function.



### Parameters:

Project	Parameters	
Block	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
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

# Dry Bath Incubator

## ES2000



### Description:

- ◆ ES2000 Dry Bath Incubator is a microprocessor-controlled dry block heating system with highly precise temperature control, making it an alternative to the traditional water bath devices. Timing flexible, constant temperature function and two-group independent temperature control mode are effectively improving the efficiency of the laboratory work. It is the ideal equipment, applying to kinds of sample incubation, catalyze, save and etc.

### Features:

- ◆ LCD display, simple interface. Easy to set up and use.
- ◆ Accurate temperature control, high stability.
- ◆ Unique two-group(A/B) temperature control realizes running independently or simultaneously.
- ◆ One operation interface can realize two-group temperature and timing setting independently or simultaneously.
- ◆ Different kinds of aluminum blocks are available. Block can be customized.
- ◆ Built-in temperature calibration function.
- ◆ Built-in over-heating protection device, safe and reliable.

### Parameters:

Project	Parameters
Temp. setting range	0°C~100°C
Timing range	1min ~ 99h59min/∞
Display accuracy	0.1°C
Heating time	≤15min(from 25°C to 100°C)*
Temperature control group	2
Block quantity	4
Power	240W
Fuse	250V 3A Φ5×20
Weight(kg)	5.0

Project	Parameters
Temp. control range	RT+5°C~100°C
Temp. accuracy	±0.3°C @37°C*
Temp. uniformity	±0.3°C @37°C*
Auto running	Yes
Auto heating	Yes
Auto resume to run	Yes
Voltage	AC110V or AC220V, 50/60Hz
Dimension(mm)	370x254x217
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### Optional Blocks:

Type	Capacity
MiniBoxA	15x2.0ml centrifuge tube
MiniBoxB	15x1.5ml centrifuge tube
MiniBoxC	24x0.5ml centrifuge tube
MiniBoxD	32x0.2ml centrifuge tube

Type	Capacity
MD40	15xΦ10mm
MD41	12xΦ12mm
MD42	8xΦ15mm
MD43	8xΦ16mm