

Dry Bath Incubator

DH2000 series



Description:

- ◆ DH2000 series Dry Bath Incubator is a sample incubation equipment based on film heating and PID automatic temperature control technology. Flexible timing, constant temperature function and unique multi-point operating mode improve the efficiency of the laboratory work, which is the ideal equipment for samples incubation, catalytic reaction process, saving and etc.

Features:

- ◆ Colorful LCD display(320x480 Pixel), easy to set up and use.
- ◆ Accurate temperature control, high stability.
- ◆ Different blocks for choice. Customized blocks are accepted
- ◆ Temperature calibration function.
- ◆ Three kinds of countdown trigger modes available.
- ◆ External temperature sensor can be connected.
- ◆ Magnetic dust-proof lid can be optionally supplied(for DH2000-1 or DH2000-2).
- ◆ Built-in software and hardware over temperature protection device, will use more reliable.

Parameters:

Project	Parameters		
Product model	DH2000-1	DH2000-2	DH2000-4
Temp.range	RT.+5C -160°C	RT.+5C -160°C	RT.+5C -130°C
Time range	1min-99h59min/∞	1min-99h59min/∞	1min-99h59min/∞
Temp accuracy	≤±0.1°C@37°C) ≤±1°C(@120°C)	≤±0.1°C@37°C) ≤±1°C(@120°C)	≤±0.2°C@37°C) ≤±1°C(@120°C)
Temp uniformity	≤±0.1°C@37°C)	≤±0.1°C@37°C)	≤±0.2°C@37°C)
Display accuracy	0.1°C	0.1°C	0.1°C
Heating rate	1°C/min, 3°C/min, 5°C/min, AUTO	1°C/min, 3°C/min, 5°C/min, AUTO	1°C/min, 3°C/min, 5°C/min, AUTO
Heating time(AUTO)	≤25min(from 25°C to 160°C)	≤25min(from 25°C to 160°C)	≤20min(from 25°C to 130°C)
Program number	99programs	99programs	99programs
Multi points running	Yes(Max 5 points)	Yes(Max 5 points)	Yes(Max 5 points)
Multi cycle	Yes(Max 99 times)	Yes(Max 99 times)	Yes(Max 99 times)
Auto preheating	Yes	Yes	Yes
Auto running	Yes	Yes	Yes
Auto resume to run	Yes	Yes	Yes
Auto constant temp. at the end of run	Yes	Yes	Yes
External temperature sensor interface	1port interface	1port interface	1port interface
Block quantity	1	2	4
Power	200W	400W	500W
Voltage	AC220V or AC110V, 50/60Hz	AC220V or AC110V, 50/60Hz	AC220V or AC110V, 50/60Hz
Fuse	250V 3A Φ5×20	250V 3A Φ5×20	250V 3A Φ5×20
Dimension(mm)	320×205×110	320×205×110	385×205×110
Weight(kg)	4.8	6.1	8.8

Optional Blocks:

Type	Diameter of test tube	Number of test tube	Type	Diameter of test tube	Number of test tube
MD01	6mm	48	MD10	26mm	8
MD02	7mm	48	MD11	28mm	4
MD03	10mm	24	MD12	40mm	3
MD04	12mm	24	MD13	0.2ml centrifuge tube	48
MD05	13mm	24	MD14	0.5ml centrifuge tube	48
MD06	15mm	16	MD15	1.5ml centrifuge tube	24
MD07	16mm	16	MD16	2.0ml centrifuge tube	24
MD08	19mm	12	MD17	0.2ml PCR plate	96
MD09	20mm	12	MD18	0.2ml Elisa plate	96

*MD17 and MD18 is special for DH2000-2/DH2000-4.



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