

STALWART

Dry Bath Incubator SDY-100 Series



SDY-4C



SDY-100C,H

Introduction

SDY-100C/SDY-100H has high precision of temperature control and good sample preparation parallelism with microprocessor-controlled thermostat to replace the traditional water bath devices. It can be widely used in the cultivation and preservation of samples , DNA amplification, the electrophoresis of denaturation and serum coagulation. Application sectors throughout pharmaceutical, chemical, food safety, environment, quality inspection, etc.

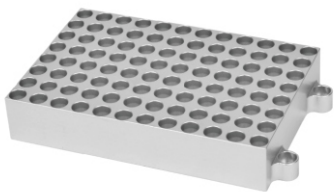
Features

- Fast heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise.
- Built in temperature calibration function, automatic fault detection and buzzer alarm function.
- Built in over-temperature protection device, safe and reliable, enhance the service life of the machine.
- Product designed compact and tight, occupied little space. Using freer and easier.
- Various blocks for convenient replacement, easy for cleaning and disinfection.
- Power recovery function can restore the original run automatically after recovered.(SDY-100C)
- Programmable function. It can also set continuous operation by uncertain time (Except SDY-4C) .
- LCD display. Cool and compact designed appearance. Simultaneous display temperature and diminishing time (Except SDY--4C).

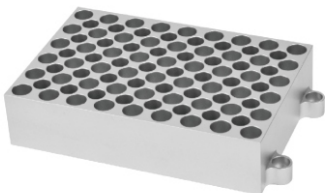
Specification

Item	SDY-4C	SDY-100C	SDY-100H
Temp. Control Range	-10°C ~100°C	-10°C ~100°C	R.T.+5°C~100°C
Temp. Max. Decrease	R.T. decreases 30°C @R.T. 26°C	R.T. decreases 30°C @R.T. 26°C	/
Temp. Setting Range	-10°C ~100°C	-10°C ~100°C	5°C~100°C
Temp. Stability@100°C	±0.5°C	±0.5°C	±0.5°C
Temp. Stability@40°C	±0.3°C	±0.3°C	±0.3°C
Temp. Stability@4°C	/	/	/
Block Temp. Uniformity	±0.3°C	±0.3°C	±0.3°C
Temp. Display Accuracy	0.1°C	0.1°C	0.1°C
Heating Speed	≤15min (20°C to 100°C)	≤15min (20°C to 100°C)	≤15min (20°C to 100°C)
Cooling Speed	≤30min (R.T. decreases 30°C) @R.T. 26°C	≤30min (R.T. decreases 30°C)@R.T. 26°C	/
Time Range	1min ~ 99h59min or continuous	1min ~ 99h59min or continuous	1min~99h59min or continuous
Voltage	AC90~230V, 50/60Hz	AC90~230V, 50/60Hz	AC 220V / AC 110V, 50/60Hz
Power	150W	150W	150W
Fuse	250V, 3A, Φ5x20	250V, 3A, Φ5x20	250V, 1A/2A, Φ5x20
Dimension	W.196 x D.270 x H.170mm	W.196 x D.270 x H.170mm	W.196 x D.270 x H.170mm
Net Weight	3.5kgs	3.5kgs	2.2kgs

Accessories



A



B



C



D



E



F



G



H



I

Accessories



J



K



L



M



Cover A

Choose J block can be used with 96-well ELISA plate
and 96-well PCR plate (half skirt, full skirt)

Specification

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	≤Φ12mm 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

Specification

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