

STALWART

Incubator Shaker SIS-60 Series



SIS-60



SIS-60+



SIS-60C



SIS-60E

Introduction

Incubator Shaker is one kind of temperature controlled biochemical instrument combining incubation and shaking unction. It is widely used in cell culture, fermentation, hybridization, biochemistry, research of enzyme and cell tissue, etc. which requires higher quality of temperature controlling and shaking speed. It can dynamically and statically cultivate microbial cell and all kinds of strains.

Features

- PID control speed technology.
- Integrate incubator and shaker. Save lab space.
- Compact design, good temperature uniformity, low noise.
- Micro-processor controls temperature and shaking speed. Built-in timing function.
- Human friendly touch-tone operation interface. Cover can be widely angle opened, convenient to watch and pick sample.
- Equiped with cover switch. When the cover is open, air circulation, heating and shaking will automatically stop. No temperature overshoot problem.
- Unique speed control circuit to ensure shaker smoothly start to avoid liquid spilling.
- Circulation fan speed can be adjusted to avoid high-speed of the circulation fan making the sample volatilize.
- Independent temperature alarm system. Heating is cut off automatically when temperature is over the limited value.
- Sound alarms after program finishes.
- Brushless DC motor, long life and maintenance-free.

Specification

Item	SIS-60	SIS-60+	SIS-60C	SIS-60E
Speed Range	50rpm~300rpm	50rpm~300rpm	50rpm~300rpm	200rpm~1200rpm
Shaking Orbit	20mm (circle)	20mm (circle)	20mm (circle)	3mm (horizontal)
Temp. Control Range	R.T.+5~60°C	R.T.+5~60°C	4~60°C@R.T.≤25°C	R.T.+5~60°C
Temp. Setting Range	5~60°C	5~60°C	4~60°C	5~60°C
Temp. Stability@37°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Temp. Display Accuracy	0.1°C	0.1°C	0.1°C	0.1°C
Time Range	1min~99h59min	1min~99h59min	1min~99h59min	1min~99h59min
Voltage	AC 220V/AC 110V, 50/60Hz	AC 220V/AC 110V, 50/60Hz	AC 220V/AC 110V, 50/60Hz	AC 220V/AC 110V, 50/60Hz
Power	400W	600W	600W	400W
Fuse	250V, 3A/5A, Φ5x20	250V, 5A/10A, Φ5x20	250V, 5A/10A, Φ5x20	250V, 3A/5A, Φ5x20
Dimension (WxDxH)	W.360 x D.435 x H.320mm	W.514 x D.660 x H.430mm	W.385 x D.560 x H.320mm	W.360 x D.435 x H.320mm
Net Weight	18.7kgs	44.2kgs	25.8kgs	18.7kgs
Optional Platform	Refer to "Platform Option"	Platform SPW-420	Refer to "Platform Option"	Platform SPW-1500

Optional Platform



Platform With Clamps
SP6-250



Platform With Clamps
SP12-100



Universal Platform with
Adjustable Bars
SUP-12



Double Deck Flat Platform
With non-Slip Rubber Mat
SPP-4D

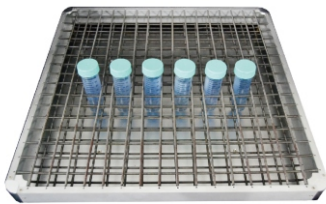


Flat Platform With
non-Slip Rubber Mat
SPP-4



Sticky Pad SPD-GS used
in the platform PP-4 or
SPP-4A

Specific Platform



Universal Platform
with Springs
SPW-260



Platform PW-1500 W.280 x
D.214 x H.13mm (only
for SIS-60E)