

# Shaking Incubator IS-300

## Introduction

Incubator Shaker is one kind of temperature controlled biochemical instrument combining incubation and shaking function. 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.

## Feature

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

## Optional Platforms

Speed Range	50rpm - 300rpm
Shaking Orbit	20mm (Circle)
Temp. Control Range	R.T.+5 - 60°C
Temp. Stability @37°C	±0.3°C
Time. Display Accuracy	0.1°C
Time Range	1min - 99h59min
Voltage	AC 220V, 50Hz
Power	400W
Fuse	250V, 3A/5A, Ø5x20
Dimension (WxDxH)	360x435x320mm
Net Weight	18.7 kgs

