

Thermo Shaker for Microplates

TS300



Description:

- ◆ TS300 Thermo Shaker for Microplates is a multipurpose thermostatic shaker controlled by brushless DC motor and PID intelligent temperature control technology. The PID fuzzy control technology can be accurate to ensure that the temperature control precision and automatically adjust the heating rate, reduce waiting time. TS300 combines constant temperature and oscillation perfectly together, greatly shorten the experimental operation time, which is the ideal automation tool for samples hatching, catalytic reaction process of preserving, blending, save and etc.

Features:

- ◆ Easy to set up and use, all information real-time display and showing set up operation, convenient to observe equipment running status.
- ◆ Support standard microplates and deep well plates.
- ◆ Brushless DC motor, low noise, small interference, free maintenance.
- ◆ Automatic preheating function.
- ◆ Automatic power recovery function.
- ◆ Temperature calibration function.
- ◆ Built-in software and hardware over temperature protection device, will use more reliable.

Parameters:

Project	Parameters
Temp. setting range	0°C~80°C
Temp. control range	RT+5°C~80°C
Timing range	1min ~ 99h59min/∞
Temp. accuracy	±0.5°C*
Display accuracy	0.1°C
Temp uniformity	±0.5°C*
Shaking speed	300~1350rpm
Orbit	3mm

Project	Parameters
Auto preheating	Yes
Auto resume to run	Yes
Capacity	4microplates or deepwell plates
Power supply	300W
Voltage	AC220V or AC110V, 50/60Hz
Heating time	≤10min(from 25°C to 80°C)*
Dimension(mm)	340x320x200
Weight(kg)	9.5