

# Thermo Shaker(with heating lid)

## TPS2000



### Description:

- ◆ TPS2000 Thermo Shaker(with heating lid) is a multipurpose thermostatic shaker controlled by brushless DC motor. Its PID intelligent temperature control technology ensures the temperature accuracy, automatically adjusts the heating rate and reduces waiting time. Heating lid temperature control function can effectively prevent the phenomenon of evaporation and tube burst, and greatly improve the temperature uniformity in the test tube. It is the ideal automation tool for sample incubation, catalysis, blending and preservation.

### Features:

- ◆ LCD display. It is easy to setup and use.
- ◆ Accurate temperature control, high stability.
- ◆ Dual-blocks with large capacity.
- ◆ Max. speed to 2000rpm.
- ◆ Two options for heating lid temperature control: automatic or manual.
- ◆ Brushless DC motor: noiseless long service life maintenance-free.
- ◆ Built-in temperature calibration function.
- ◆ Built-in over-heating protection device, safe and reliable.

### Parameters:

Project	Parameters
Temp. setting range	0°C~100°C
Temp. control range	RT+5°C~100°C
Timing range	1min ~ 99h59min/∞
Temp. accuracy	≤±0.2°C@37°C
Display accuracy	0.1°C
Temp. uniformity	≤±0.2°C@37°C
Heating lid temp. setting range	Auto/0~+15°C
Heating lid temp. control mode	Automatic / Manual
Shaking speed	200~2000rpm
Orbit	2mm
Heating time	≤15min(from 25°C to 100°C)
Multi points running	Yes(Max 5points)

Project	Parameters
Multi cycle	Yes(Max 99times)
Auto constant temp. at end of run	Yes
Auto preheating	Yes
Auto running	Yes
Auto resume to run	Yes
Block quantity	2
Power supply	450W
Voltage	AC220V or AC110V, 50/60Hz
Fuse	250V 3A Φ5×20
Dimension(mm)	296x212x164
Weight(kg)	6.9
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### Optional Blocks:

Type	Capacity	Max. Speed
MD30	96x0.2ml PCR plate	2000rpm
MD31	54x0.5ml centrifuge tube	2000rpm
MD32	35x1.5ml centrifuge tube	2000rpm

Type	Capacity	Max. Speed
MD33	35x2.0ml centrifuge tube	2000rpm
MD34	15x0.5ml+20x1.5ml centrifuge tube	2000rpm
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