

## Orbital Shaker-Incubator

### TOS30



#### Description:

Orbital Shaker-Incubator, combining shaker and incubator, is a compact bench-top shaking incubator used for mixing of biological liquids as well as for incubation and cultivation of biological liquids. Interchangeable platforms allow it mix and culture samples in flask, petri dish, tubes and etc. Built-in microprocessor thermo controller provides constant temperature control in the incubator chamber. It is extremely easy to operate, with very straightforward setup of temperature, speed and time.

#### Features:

- ▶ Instantly display operation information (time, temperature and speed) on the LCD screen.
- ▶ Gentle and reliable shaking with direct brushless DC motor.
- ▶ The incubator features acrylic lid to allow easy visibility of and access to the samples.
- ▶ Constant temperature control ensures even temperature distribution in the chamber.
- ▶ Running safely --heating and shaking will be automatically stopped once the lid is open.
- ▶ Auto restart in case of power failure.
- ▶ Over-heating protection device is included.
- ▶ Built-in temperature calibration function.



**Technical Specifications:**

Model	TOS30
Temperature setting range	0°C ~60°C
Temperature control range	RT.+5°C ~60°C
Time range	1min ~ 99h59min/∞
Temp. accuracy	≤±0.5°C(@37°C)
Display accuracy	0.1°C
Temp. uniformity	≤±0.5°C(@37°C)
Shaking range	50~250rpm
Heating time	≤20min(from 25°C to 60°C)
Orbit	20mm
Platform dimension	350x350mm
Internal chamber height	325mm
Load capacity	10.0kg
Auto resume to run	Yes
Power	600W
Voltage	AC220V or AC110V/50-60HZ
Fuse	250V 3A Φ5×20
Dimension(mm)	632x502x512
Weight(kg)	41

**Optional blocks:**

Type	Description
TOS30-T1	Platform with clamps for 9×250ml conical flask
TOS30-T2	Platform with clamps for 25×100ml conical flask
TOS30-T3	Flat platform for 16pcs petri dishes
TOS30-T4	Platform with spring holder

