

Orbital Shaker-Incubator

TOS30



Description:

- ◆ TOS30 Orbital Shaker-Incubator, combining shaker and incubator, is a compact bench-top Shaker-Incubator used for mixing of biological liquids as well as for incubation and cultivation of biological liquids according to the operator set program. 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.

Parameters:

Project	Parameters
Temp. setting range	0°C~60°C
Timing range	1min ~ 99h59min/∞
Display accuracy	0.1°C
Shaking range	50~250rpm
Heating time	≤20min(from 25°C to 60°C)*
Load capacity	10.0kg
Auto resume to run	Yes
Voltage	AC110 or AC220V/50-60HZ
Dimension(mm)	632x502x512

Project	Parameters
Temp. control range	RT.+5°C~60°C
Temp. accuracy	±0.5°C(@37°C)
Temp. uniformity	±0.5°C(@37°C)
Orbit	20mm
Platform dimension	350x350mm
Internal chamber height	325mm
Power	600W
Fuse	250V 3A Φ5×20
Weight(kg)	41

Optional Platforms:

Type	Description
TOS30-T1	Platform with clamps for 9×250ml conical flask
TOS30-T2	Platform with clamps for 25×100ml conical flask

Type	Description
TOS30-T3	Flat platform for 16pcs petri dishes
TOS30-T4	Platform with spring holder