

KT-TOS30 Orbital Shaker Incubator



Description:

KT-TOS30 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.

Parameters:

Parameter	Type	KT-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		50~300rpm
Orbit		20mm
Platform dimension		230x230mm
Internal chamber height		182mm
Load capacity		4.0kg
Heating time		≤15min(from 25°C to 60°C)
Auto resume to run		Yes
Power		350W
Voltage		AC220V/50-60HZ
Fuse		250V 3A Φ5×20
Dimension(mm)		421x320x338
Weight(kg)		18.5

Optional Platform/Trays

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	Universal Platform with spring holder