



Thermo Shaker Incubator

LTSI-A12

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LTSI-A12 is a safe, reliable, maintenance free Thermo Shaker Incubator that integrates mixing, shaking, heating and cooling function. Designed to meet the needs of different users, it is equipped with microprocessor controlled incubator and brushless DC motor. Along With built-in temperature calibration function and multiple security function, it is equipped with function of vortexing all kinds of tubes and offers precise control of the shaking speed.

Features

- Microprocessor controlled incubator
- Brushless DC motor
- Programmable, proficient shaking and temperature control
- Built-in temperature calibration function
- Multiple security function
- Various blocks available that are convenient to replace
- Comply with CE safety standards
- Safe and reliable to use
- Maintenance free

Applications

Thermo Shaker Incubator is suitable for incubation and cultivation of biological and chemical components, re-suspending pellets, denaturing of nucleic acids and proteins, PCR preparations, ELISA assays, colorimetric assays, enzyme and protein analysis in microbiology, cellular and molecular biology, immunology and biotechnology.

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Specifications

Model no.	LTSI-A12
Shaking Speed	300 - 1500 rpm
Shaking Orbit	3 mm
Vortex Shaking Speed	None
Temperature Range	0 °C - 100 °C
Shaking Motion	Horizontal
Timing Range	1 min - 99 hr. 59 min
Heating time	< 15 min (from 20 °C - 100 °C)
Cooling Time	≤ 30 min from R.T. to R.T.(-20) °C (detected below 30 °C)
Cooling Speed	≥ 7 °C / min (from 100 °C to 20 °C) ≥ 1.2 °C / min (from R.T. to R.T.(-20) °C)
Heating Platform Temperature Accuracy	< 0.5 °C (detect at 37 °C)
Block Temperature Uniformity	≤ ± 0.3 °C
Temperature Stability	≤ ± 0.3 °C
Temperature Display Accuracy	0.1 °C
Power	200 W
Power supply	AC 90 - 230 V/ 50 - 60 Hz
Dimension	271 x 196 x 170 mm
Net Weight	8.8 kg