

DW-TS100 Thermo Shaker

Description

DW-TS100 thermo shaker is a temperature controlled shaker, which is useful for a variety of molecular biology applications. Speed, time and temperature settings are continuously visible on the LCD, simultaneously showing both actual and selected values. Integral over-temperature control ensures long time, safety and sample integrity.

Features

1. LCD display. It is easy to setup and use.
2. Reliable design with inner extra temperature protection.
3. Each device is equipped with lifter that is easy to replace different blocks.
4. Digital accuracy and convenience.
5. Precision wells for uniform thermal transfer.
6. Assorted blocks for a wide variety of tube sizes.
7. Brushless DC Motor: noiseless long service life maintenance-free.
8. Conform to CE safety standard.
9. Accurately control and display time, temperature and speed.

Applications

1. Storing enzymes or DNA libraries at your work station.
2. Transporting samples from the field at exactly the right temperature.
3. Heating samples in the field.
4. Enzyme reactions and deactivations.
5. PCR sample preparation.



Parameters

Model	DW-TS100
Temp setting range	0°C~100°C
Temp control range	RT.+5°C~100°C
Time range	1min ~ 99h59min/∞
Temp accuracy	≤±0.3°C*
Display accuracy	0.1°C
Temp uniformity	≤±0.3°C*
Speed range	200~1800rpm
Orbit	3mm
Heating time	≤12min(from 25°C to 100°C)*
Multi point running	Yes(Max Spoints)
Multi cycle	Yes(Max 99times)
Auto heating	Yes
Auto running	Yes
Auto resume to run	Yes
Power supply	150W
Voltage	AC220V or AC110V/50-60Hz
Fuse	250V 3A Φ5×20
Dimension(mm)	260x195x150
Weight(kg)	7.0

Optional Blocks

Type	Capacity	Temp range	Max Speed
MD30	96x0.2ml	0°C~100°C	1800rpm
MD31	54x0.5ml	0°C~100°C	1800rpm
MD32	35x1.5ml	0°C~100°C	1800rpm
MD33	35x2.0ml	0°C~100°C	1800rpm
MD34	20x1.5ml+15x0.5ml	0°C~100°C	1800rpm
MD35	96x0.2ml	0°C~100°C	1800rpm
MD36	24x5ml	0°C~100°C	1000rpm
MD37	15x10ml	0°C~100°C	1000rpm
MD38	12x15ml	0°C~100°C	800rpm
MD39	6x50ml(round-shape bottom)	0°C~100°C	800rpm
MD39-S	6x50ml(cone-shape bottom)	0°C~100°C	800rpm

