

Thermo Shaker

TCS10



Description:

- ◆ TCS10 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.

Application:

- ◆ Maintaining 14°C for ligation reactions.
- ◆ Maintaining 17°C for storing oocytes.
- ◆ Storing samples at ice bucket temperatures.
- ◆ Storing enzymes or DNA libraries at your work station.
- ◆ Transporting samples from the field at exactly the right temperature.
- ◆ Heating samples in the field.
- ◆ Enzyme reactions and deactivations.
- ◆ PCR sample preparation.

Features:

- ◆ LCD display. It is easy to setup and use.
- ◆ Reliable design with inner extra temperature protection.
- ◆ Each thermo shaker is equipped with lifter that is easy to replace different blocks.
- ◆ Digital accuracy and convenience.
- ◆ Precision wells for uniform thermal transfer.
- ◆ Assorted blocks for a wide variety of tube sizes.
- ◆ Brushless DC Motor: noiseless long service life maintenance-free.
- ◆ Conforms to CE safety standard.
- ◆ Accurately control and display time, temperature and speed.

Parameters:

Project	Parameters
Temp setting range	0°C~100°C
Time range	1min ~ 99h59min/∞
Display accuracy	0.1°C
Speed range	200~1500Rpm
Heating time	≤15min(From 25°C to 100°C)*
Multi point running	Yes(Max 5 points)
Multi cycle	Yes(Max 99 times)
Auto running	Yes
Storage at 4°C	Yes
Voltage	AC110V~220V/50-60HZ
Size(mm)	260x195x150 mm

Test condition : Rt 25°C±2°C, block is 1.5ML*35, use mercurial thermometer, accuracy is ±0.1°C.

Project	Parameters
Temp control range	Below room temp 20°C~100°C
Temp accuracy	±0.3°C*
Temp uniformity	±0.3°C*
Orbit	3mm
Cooling time1	≤10min(From 100°C to 25°C)*
Cooling time 2	≤20min(From room temp to below it 20°C)
Auto heating	Yes
Auto resume to run	Yes
Power supply	150W
Fuse	250V 3A Φ5×20
Weight	7.5Kg

Optional Blocks:

Type	Capacity	Temp range	Max Speed
MD30	96×0.2ml	0°C~100°C	1500RPM
MD31	54×0.5ml	0°C~100°C	1500RPM
MD32	35×1.5ml	0°C~100°C	1500RPM
MD33	35×2.0ml	0°C~100°C	1500RPM
MD34	15×0.5ml+20×1.5ml	0°C~100°C	1500RPM

Type	Capacity	Temp range	Max Speed
MD35	96×0.2ml(elisa plate)	0°C~100°C	1500RPM
MD36	24×5ml	0°C~100°C	1000RPM
MD37	15×10ml	0°C~100°C	1000RPM
MD38	12×15ml	0°C~100°C	800RPM
MD39	6×50ml	0°C~100°C	800RPM



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