



Welso Thermo Shaker is a temperature control shaker which is widely used in a variety of molecular biology applications. User can easily set speed, time and temperature on the LCD. Heating, mixing and cooling functions can meet different requirements.

Applications

- Maintaining 14°C for ligation reactions.(cooling model)
- Maintaining 17°C for storing oocytes.(cooling model)
- 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.
- Used for PCR sample preparation.

Features

- LCD display. It is easy to setup and use.
- Reliable design with inner extra temperature protection.
- Each device 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.

Specifications

Item	Specifications	
Model	WTSC100	WTSH100
Temperature setting range	0°C~100°C	
Temperature control range	RT-20°C~100°C	RT+5°C~100°C
Time Setting	1min ~ 99h59min/∞	
Temperature accuracy	≤±0.3°C	
Display accuracy	0.1°C	
Temperature uniformity	≤±0.3°C	
Speed range	200~1500rpm	200~1800rpm
Orbit	3mm	
Heating time	≤12min(25°C to 100°C)	
Cooling time1	≤10min(100°C to 25°C)	/
Cooling time 2	≤15min(from RT to RT-20°C)	/
Multi point running	Yes(Max 5 points)	
Multi cycle	Yes(Max 99 times)	
Auto heating	Yes	
Auto running	Yes	
Auto resume to run	Yes	
Storage at 4°C	Yes	
Capacity	Optional blocks	
Power supply	150W	
Voltage	AC100~240V/50-60HZ	AC220V or 110V/50-60HZ
Fuse	250V 3A Φ5×20	
Dimensions	260x195x150mm	
Weight	8.5Kg	7.5kg

Optional Blocks

Order #	Capacity
WB130	96x0.2ml (PCR Plate)
WB131	54x0.5ml
WB132	35x1.5ml
WB133	35x2.0ml
WB134	20x1.5ml+15x0.5ml
WB135	96x0.2ml (Elisa Plate)
WB136	24x5ml
WB137	15x10ml
WB138	12x15ml
WB139	6x50ml