

DW-TCS10 Thermo Shaker

Description

DW-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.

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



Parameters

| | |
|---------------------------|------------------------------------|
| Model | DW-TCS10 |
| Temp setting range | 0°C~100°C |
| Temp control range | RT.-20°C~100°C |
| Time range | 1min ~ 99h59min/∞ |
| Temp accuracy | ≤±0.3°C* |
| Display accuracy | 0.1°C |
| Temp uniformity | ≤±0.3°C* |
| Speed range | 200~1500rpm |
| Orbit | 3mm |
| Heating time | ≤12min(from 25°C to 100°C)* |
| Cooling time | ≤10min(from 100°C to 25°C)* |

| | |
|---------------------|-------------------------------|
| Cooling time2 | ≤20min(from RT. to RT.-20°C)* |
| Multi point running | Yes(Max 5points) |
| Multi cycle | Yes(Max 99times) |
| Auto heating | Yes |
| Auto running | Yes |
| Auto resume to run | Yes |
| Storage at 4°C | Yes |
| Power supply | 150W |
| Voltage | AC110V~220V/50-60Hz |
| Fuse | 250V 3A Φ5×20 |
| Dimension(mm) | 260x195x150 |
| Weight(kg) | 7.5 |

Optional Blocks

| Type | Capacity | Temp range | Max Speed |
|---------|----------------------------|------------|-----------|
| MD30 | 96x0.2ml | 0°C~100°C | 1500rpm |
| MD31 | 54x0.5ml | 0°C~100°C | 1500rpm |
| MD32 | 35x1.5ml | 0°C~100°C | 1500rpm |
| MD33 | 35x2.0ml | 0°C~100°C | 1500rpm |
| MD34 | 20x1.5ml+15x0.5ml | 0°C~100°C | 1500rpm |
| MD35 | 96x0.2ml | 0°C~100°C | 1500rpm |
| 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-SA | 6x50ml(cone-shape bottom) | 0°C~100°C | 800rpm |

