

## Microplate Shaker TS200

### Description:

TS200 Thermo Shaker for Microplates is with technique of direct brushless DC motor and PID intelligent temperature control.

It is mainly used for shaking and cultivation in Elisa plates (96/384 wells), tissue culture plates(24/48/96 wells).

### Features:

- ①. LCD displays system status and parameters.
- ②. Stable and reliable operation with high quality switch.
- ③. Easy to operate with one touch knob.
- ④. Setup the time within 0~100 hours, instrument will make alarm voice when completing.
- ⑤. With power recovery, instrument will continue to run when power recovers from outage.
- ⑥. 12-month warranty.
- ⑦. The mechanism of the incubator-heated base and cover

### Parameters:

| Model               | TS200                              |
|---------------------|------------------------------------|
| Temp. Control Range | RT.+5°C~80°C                       |
| Timing Range        | 1min ~ 99h59min                    |
| Temp. Accuracy      | ≤±0.5°C                            |
| Display Accuracy    | 0.1°C                              |
| Temp Uniformity     | ≤±0.5°C                            |
| Shaking Speed       | 200-1600rpm                        |
| Orbit               | 3mm                                |
| Capacity            | 2pcs microplates or culture plates |
| Power Supply        | 150W                               |
| Voltage             | AC100V~240V 50/60Hz                |
| Heating Time        | ≤10min (from RT. to 80°C)          |
| Dimension           | 280×270×140mm                      |
| Net Weight          | 7kg                                |
| Package Size(W*D*H) | 440*360*260mm                      |
| Gross Weight        | 7.5kg                              |



## Microplate Shaker TS300

### Description:

TS300 Thermo Shaker for Microplates is a multipurpose thermostatic shaker controlled by brushless DC motor and PID intelligent temperature control technology. The PID fuzzy control technology can be accurate to ensure that the temperature control precision and automatically adjust the heating rate, reduce waiting time.

### Features:

- ①. Easy to set up and use, all information real-time display and showing set up operation, convenient to observe equipment running status.
- ②. Support standard microplates and deep well plates.
- ③. Brushless DC motor, low noise, small interference, free maintenance.
- ④. Automatic preheating function.
- ⑤. Automatic power recovery function.
- ⑥. Temperature calibration function.
- ⑦. Built-in software and hardware over temperature protection device, will use more reliable.

### Parameters:

| Model               | TS300                            |
|---------------------|----------------------------------|
| Temp. Setting Range | 0~80°C                           |
| Temp. Control Range | RT+5°C~80°C                      |
| Timing Range        | 1min ~ 99h59min/∞                |
| Temp. Accuracy      | ≤±0.5°C                          |
| Display Accuracy    | 0.1°C                            |
| Temp Uniformity     | ≤±0.5°C                          |
| Shaking Speed       | 300~1350rpm                      |
| Orbit               | 3mm                              |
| Auto Preheating     | Yes                              |
| Auto Resume to Run  | Yes                              |
| Capacity            | 4Microplates or deep-well plates |
| Power Supply        | 300W                             |
| Voltage             | AC220V or AC110V, 50/60Hz        |
| Heating Time        | ≤10 min (from 25°C to 80°C)      |
| Dimension           | 340*320*200mm                    |
| Net Weight          | 9.5kg                            |
| Package Size(W*D*H) | 490*450*315mm                    |
| Gross Weight        | 11.5kg                           |

