

TRCA-240RHP/TRCA-240RWP Oscillation Incubator



Feature:

Appearance

1. Interior material: High-quality stainless steel
2. Exterior material: Powder-coated steel
3. Door: Outer steel door with inner glass door
4. Shelving: Adjustable, 3pcs of stainless steel shelves
5. Access Port: Required for external probes
6. Temperature uniformity: $\pm 0.3^{\circ}\text{C}$ @ 37°C
7. Water Jacket Volume: 10 liters
8. Humidity Control: Humidification pan
9. Programmable Settings: temperature

Touch Screen Controller

1. Adopting large touch screen, easy to operate.
2. Display instant running curve, curve summary, view the same time period information.
3. The controller has a screen lock function to avoid human touch.
4. 72 hours machine operation record inquiry function, convenient tracking operation.

Carbon dioxide concentration control system

Imported infrared (IR) sensor control

Temperature control/monitoring systems

- A. Incubator box temperature control system
- B. Door temperature heating system
- C. Ambient temperature monitoring system
- D. Over-temperature protection system
- E. Power failure alarm system

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Features:

Sterilization systems

- A、 90 °C high temperature moist heat sterilization system (RHP)
- B、 Ultraviolet sterilization system (RWP)

Independent temperature/Carbon dioxide concentration monitoring system (optional)

Filter systems

- A、 Microbial filter
- B、 HEPA filter

Safety function

- High, low and over temperature alarms
- Overtemperature sensor failure alarm
- Independent temperature limit alarm
- Box temperature sensor failure alarm
- Carbon dioxide concentration too high or too low alarm
- Door open time too long alarm
- Door temperature sensor failure alarm
- Power failure alarm
- Sterilization status alert

Hierarchical rights management (optional)

Data logging and troubleshooting display (optional)

Wireless alarm system (SMS alarm system) (optional)

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Technical Parameters:

	TRCA-240RHP	TRCA-240RWP
Supply voltage	AC220V/50HZ	
Input power	1000W	
Heating method	Gas sleeve microcomputer PID control	Water jacket type
Temperature range	RT+5~ 55℃	
Working environment temperature	+ 5 ~30℃	
Temperature fluctuation	±0.1℃	
CO ₂ Control range	0~20%	
CO ₂ control accuracy	± 0.1% (infrared sensor)	
CO ₂ recovery time	(Recovery to 5% within 30 seconds of opening the door) ≤ 3 minutes	
Temperature recovery	(30 seconds to recover to 37 °C upon opening the door) ≤ 8 minutes	
Relative humidity	Natural evaporation ≥90% (can be equipped with relative humidity digital display)	
Volume	233L	240L
Inner container size (mm) WxDxH	600x630x670	600x520x780
External dimensions (mm) WxDxH	790x840x940	754x760x1020
Load carrier (standard)	3 pieces	3 pieces
Disinfection method	90 °C high temperature moist heat disinfection+UV ultraviolet disinfection	UV disinfection