



With Imported Infrared CO₂ Sensor Features



- Touch screen controller, 72-hour machine operation record query function to help user tracking abnormal conditions and trace historical operation information.
- Faster CO₂ concentration Restoration Speed.
- Infrared sensor can keep CO₂ concentration stability and uniformity when door open frequently.
- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Microorganism filter at inlet provides 99.99% filtration of bacteria and dust ($\Phi < 0.3\mu\text{m}$) and supplies pure CO₂ into the incubator.
- Door temperature controller prevents dewfall on glass door of incubator effectively.
- Independent audible and visible temperature-limiting alarm system ensures experiments safely.
- Alarm function for temperature difference, CO₂ over concentration and concentration difference, door open time, UV working status.
- Auto-controller of fan speed to prevent damage to the samples.
- 90°C high temperature and humidity sterilization function.(RHP series)



touch screen

Specifications

Model	PONPE 40BPN-RHP	PONPE 80BPN-RHP	PONPE 150BPN-RHP	PONPE 240BPN-RHP
Electrical Requirement	220V 50Hz			
Screen	7" Touch screen			
Power Consumption	350W	500W	700W	1000W
Heating Method	Air-jacketed, PID Control			
Temperature Range	RT+5~50°C			
Ambient Temperature	+5~30°C			
Temperature Stability	±0.1°C			
CO ₂ Range	0~ 20% V/V			
CO ₂ Control Resolution	±0.1%(IR sensor)			
CO ₂ Recovery	(Door open 30s,recovery to 5%) ≤ 3min			
Temperature Recovery	(Door open 30s,recovery to 37°C) ≤ 8min			
Humidity Method	Natural vaporization ≥ 90%			
Chamber Volume	40L	80L	150L	240L
Interior Dimension (WxDxH)mm	400x286x350	400x450x500	480x530x610	600x630x670
Exterior Dimension (WxDxH)mm	590x440x576	590x687x790	670x77x880	790x840x940
Shelves	2(pcs)		3(pcs)	
Sterilization method	18hrs (90°C moist heat disinfection)			

