

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(except water-jacketed type) , and the space between the shelves in the chamber is adjustable.
- Microorganism filter at inlet provides 99.99% filtration of bacteria and dust (Φ<0.3μm) 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 run 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 streilization function.(RHP series)

Options

- RS485 Connector: easy to download and save all the data via RS-485 into computer, and identify problems in time.
- High effective filter provides filtration of bacteria and dust.
- CO₂ pressure releasing valve.
- Humidity display system.
- Printer(Nested).
- Temperature-limiting alarm system.



touch screen

Specifications

Model	BPN-40RHP	BPN-80RHP	BPN-150RHP	BPN-190RHP	BPN-240RHP	BPN-60RWP	BPN-170RWP	BPN-240RWP
Electrical Requirement	220V 50Hz							
Screen	7" Touch screen							
Power Consumption	350W	500W	700W	750W	1000W	500W	700W	1000W
Heating Method	Air-jacketed, PID Control				Water-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	190L	240L	60L	170L	240L
Interior Dimension (W×D×H)mm	400×286×350	400×450×500	480×530×610	520×530×690	600×630×670	380×290×550	530×460×720	600×520×780
Exterior Dimension (W×D×H)mm	590×440×576	590×687×790	670×770×880	708×710×1030	790×840×940	534×530×790	684×700×960	754×760×1020
Shelves	2(pcs)		3(pcs)			2(pcs)		3(pcs)
Sterilization method	18hrs (90°C moist heat disinfection)					UV Sterilizer		

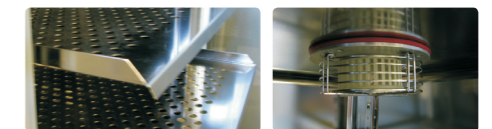
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- Door temperature controller prevents dewfall on glass door of incubator effectively.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- Alarm function for temperature difference, CO₂ over concentration and concentration difference,door open time, UV working status.
- Auto-controller of fan speed to prevent damage to the samples.
- UV light system for periodic sterilization of chamber.
- PID controller with LCD screen ensures precise and reliable control.
- Two-layer stacking available.

Options

- RS485 Connector: Easy to download and save all the data via RS485 into computer, and identify problems in time.
- High effective filter provides filtration of bacteria and dust.
- CO₂ pressure releasing valve.
- Humidity display system.



shelf

fan

Specifications

Model	BPN-40CRH	BPN-80CRH(UV)	BPN-150CRH(UV)	BPN-240CRH(UV)
Chamber Volume	40L	80L	150L	240L
Temperature Range	Ambient+5°C ~50°C			
Electrical Requirement	220V 50Hz			
Power Consumption	350W	500W	750W	950W
Ambient Temperature	+5~30°C			
Heating Method	Air-jacketed, PID Control			
Temperature Resolution	0.1			
Temperature Stability	±0.1°C			
Temperature uniformity(37°C)	±0.3°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%			
Shelves	2(pcs)		3(pcs)	
Interior Dimension (W×H×D)mm	400×286×350	400×450×500	480×530×610	600×630×670
Exterior Dimension(W×H×D)mm	590×440×576	590×687×790	670×767×880	788×837×940
Sterilization method	18hrs (90°C moist heat disinfection)			