CO$_2$ Incubator

CE

with imported infrared CO2 Sensor(Professional CO2 Incubator for Cell)

Features:

- CO$_2$ concentration Restoration Speed
- 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% filtration of bacteria and dust (Φ<0.3um) and supplies pure CO$_2$ 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, CO$_2$ over concentration and concentration difference, door open time, UV working status.
- Auto-controller of fan speed to prevent damage to the samples
- Hot air sterilizing circulation system
- UV light system for periodic sterilization of chamber(Option)
- RS-485 Connector: easy to download and save all the data via RS-485 into computer, and identify problems in time.
- PID controller with large LCD screen ensures precise and reliable control.

Specifications

Model	BPN-80CRH(UV)	BPN-150CRH(UV)	BPN-240CRH(UV)
Electrical Requirement	220V 50Hz		
Power Consumption	500W	750W	950W
Heating Method	Air-jacketed, PID Control		
Temperature Range	RT+5~55℃		
Ambient Temperature	RT+5~30℃		
Temperature Stability	±0.1℃		
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℃) ≤ 8min		
Humidity Method	Natural vaporization > 95%		
Chamber Volume	80L	155L	233L
Interior Dimension(mm)W×D×H	400×450×500	480×530×610	600×630×670
Exterior Dimension(mm)W×D×H	590×687×790	670×767×880	788×837×940
Shelves	2(pcs)	3(pcs)	3(pcs)

Options:

- Humidity Display

- CO$_2$ pressure releasing valve

- RS485 connector