

## CO<sub>2</sub> incubator, IR sensor

### Features

- Faster CO<sub>2</sub> concentration Restoration Speed.
- Infrared sensor can keep CO<sub>2</sub> concentration stability and uniformity when door open frequently.
- Polished stainless-steel chamber with rounded corners for easy cleaning
- Adjustable space between the shelves in the chamber
- Microorganism filter at inlet provides 99.99% filtration of bacteria and dust.
- Visual and audible alarm function for key parameters
- UV light system for periodic sterilization of chamber.
- PID controller with LCD screen ensures precise and reliable control.



### Specification

Model	CIR-50AUV	CIR-80AUV	CIR-150AUV	CIR-190AUV	CIR-240AUV
Capacity, L	50	80	150	190	240
Heating Method	Air-jacketed, PID control				
Temperature Range, °C	RT + 5 to 55				
Temperature Stability, °C	±0.2				
CO <sub>2</sub> Control Resolution, %	±0.1 (IR sensor)				
30s Door Open Recovery Rate	Recovery to 37°C ≤ 8 minutes; Recovery to 5% CO <sub>2</sub> ≤ 3 minutes				
Humidity System, %	Natural vaporization ≥ 90%				
Internal Dimension (WxDxH), mm	400 x 350 x 350	400 x 450 x 500	480 x 530 x 610	520 x 530 x 690	600 x 630 x 670
External Dimension (WxDxH), mm	580 x 450 x 730	590 x 657 x 870	670 x 710 x 950	708 x 710 x 1030	788 x 837 x 940
Shelves, pcs	2		3		
Sterilization Method	UV Sterilizer				