



Advantage

- Humanity design, 304 polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Two-layer stacking available, facilitating the full utilization of laboratory space.
- Faster CO₂ concentration Restoration Speed.
- Imported infrared sensor can keep CO₂ concentration stability and uniformity when door open frequently.
- Microorganism filter at inlet provides 99.99% filtration of bacteria and dust (Φ<0.3μm) and supplies pure CO₂ into the incubator.
- The speed of the circulating fan can be automatically controlled. When the temperature inside the incubator is at a constant temperature, the speed will decrease and the circulating wind speed will be adjusted to a suitable speed for cell growth, avoiding sample evaporation caused by excessive air volume during the experiment.
- Door temperature controller prevents dewfall on glass door of incubator effectively.
- Safety function: Independent audible and visible temperature-limiting alarm system ensures experiments run safely.(Optionals)
- Alarm function for temperature difference, CO₂ over concentration and concentration difference,door open time.
- UV sterilization system: The ultraviolet sterilization lamp is located at the top and rear of the incubator, which can regularly disinfect the inside of the incubator and effectively kill floating bacteria in the circulating air and humidification tray steam inside the incubator, thereby effectively preventing contamination during cell culture.
- Standard: 1pcs CO₂ pressure releasing valve.

Specification

Model	ICB-CA50(UV)	ICB-CA80(UV)	ICB-CA150(UV)	ICB-CA190(UV)	ICB-CA240(UV)
Capacity(L)	50/80	80	150	190	240
Internal Size (W×D×H)(mm)	400×350×350	400×450×500	480×530×610	520×530×690	600×630×670
External Size (W×D×H)(mm)	580×450×540	590×657×870	670×710×950	708×710×1030	788×837×940
Heating method	Air jacket				
Temperature fluctuation	±0.2°C				
Temperature range	RT+5-55°C				
Working environment temperature	+5-30°C				
CO ₂ control range	0-20%				
CO ₂ control accuracy	±0.1% (infrared sensor)				
CO ₂ recovery time	(Recovery to 5% in 30 seconds)≤ 3 minutes				
Temperature recovery	(Return to 37°C in 30 seconds)≤ 8 minutes				
Relative humidity	Natural evaporation ≥ 90% (no display)				
Disinfection method	UV disinfection				
Power Supply	AC 220/110V, 50/60Hz				
Shelves (standard)	2pcs		3pcs		3pcs
Consumption (W)	450	500	750	750	950W
N.W./G.W. (kg)	59/79	64/98	83/126	85/134	95/148
Shipping Size(W×D×H)(mm)	830×800×980	740×700×1040	830×840×1250	830×840×1250	930×910×1220
Standard	RS485 Connector: Easy to download and save all the data via RS485 into computer, and identify problems in time 1 pcs CO ₂ pressure releasing valve				
Optional	Embedded printer; HEPA filter				

Model	ICB-CW30(UV)	ICB-CW80(UV)	ICB-CW150(UV)
Capacity(L)	30	80	150
Internal Size (W×D×H)(mm)	290×290×310	400×400×500	500×500×650
External Size (W×D×H)(mm)	440×410×544	550×520×764	650×615×914
Heating method	Water jacket		
Temperature fluctuation	±0.1°C		
Temperature range	RT+5-55°C		
Working environment temperature	+5-30°C		
CO ₂ control range	0-20%		
CO ₂ control accuracy	±0.1% (infrared sensor)		
CO ₂ recovery time	(Recovery to 5% in 30 seconds)≤ 3 minutes		
Temperature recovery	(Return to 37°C in 30 seconds)≤ 8 minutes		
Relative humidity	Natural evaporation ≥ 90% (no display)		
Disinfection method	UV disinfection		
Power Supply	AC 220/110V, 50/60Hz		
Shelves (standard)	2pcs	2pcs	3pcs
Consumption	250W	680W	950W
N.W./G.W. (kg)	50/65	55/90	68/125
Shipping Size(W×D×H)(mm)	560×800×540	700×670×1010	830×780×1070
Standard	RS485 Connector: Easy to download and save all the data via RS485 into computer, and identify problems in time 1 pcs CO ₂ pressure releasing valve		
Optional	Embedded printer; HEPA filter		