

CO2 Incubator

Characteristics:

- Full-color 5.0-inch touch screen.
- Standard imported infrared high-precision CO2 concentration sensor.
- Has three levels of authority management function, with ultraviolet sterilization, wet heat sterilization, high temperature sterilization three sterilization methods.
- Six side heating air jacket heating system, while the design of a reasonable air duct mechanism, good temperature uniformity, heating, rapid return temperature.
- Adopts chassis reservoir design with large evaporation area and fast moisture return. With a door heating device, can avoid the inner door glass condensation. The product is equipped with high efficiency filter and intake filter to ensure the cleanliness of the air in the working room.



Main Technical Parameters:

Model		FC-50	FC-80	FC-150	FC-180
Heating Type		Air Jacket			
Performance	Temp. range	RT+5~55℃			
	Temp. resolution	0.1℃			
	Temp. fluctuation	± 0.1℃			
	Temp. uniformity	± 0.3℃			
	CO2 Sensor	Infrared Sensor/measuring range: 0.0~21.0%			
	CO2 control range	0.0~20.0%			
	CO2 control accuracy	± 0.1%			
Construction	Inner Chamber	Heating steel			
	Outer Shell	Cold-Roll Steel Sheet, Surface electrostatic spraying			
	Insulating layer	Polyurethane			
	Heater	Heating sheet			
	Humidity Method	Disk humidifier			
	Rated power	0.4kW	0.5kW	0.6kW	0.7kW
	Gas vent	φ 27mm rear (with test hole function)			
Controller	Other	HEPA filter			
	Temp. Control Mode	PID control			
	Temp. Setting Mode	5.0-inch touch screen			
	Temp. Display Mode	Temperature displayed on left, concentration displayed on right screen			
	Timer	0-9999 minutes (with timing wait function)			
	Operation Function	Fixed value operation, timed operation, automatic stop			
	Sterilization function	Uv sterilization, wet heat sterilization, Sterilization at high temperature 140/180℃			
Specification	Additional function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power off parameter memory			
	Sensor	PT100, water level sensor, infrared CO2 sensor			
	Safety device	High temperature alarm, concentration alarm, other alarm			
	Inner Chamber(W*D*H)	345*375*388	404*439*454	509*472*632	540*500*670
	Exterior Size(W*D*H)	500*500*655	585*585*766	593*746*842	629*791*893
	Packing Size (W*D*H)	620*620*855	705*705*966	713*866*1042	749*911*1093
	Volume	50L	80L	150L	180L
Accessory	Max. Shelf Number	4	5	6	7
	Load per Shelf	15kg			
	Shelf Space	35mm			
	Supply(50/60HZ)	AC220V/1.8A	AC220V/2.3A	AC220V/2.7A	AC220V/3.2A
	Current Rating				
	N.W/G.W(kg)	55/70	97/112	93/108	115/130
	Standard Shelf number	2			
	Standard Shelf rack	4			
Optional Accessories		(Optional 90℃ wet heat sterilization carbon dioxide infrared sensor) Separator, printer			