

# Heating Incubator

ICB-30E ICB-50E ICB-80E ICB-160E ICB-270E



## Key Features



ICB-30E



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



ICB-50E ICB-80E ICB-160E ICB-270E



### Intelligent control

Large high definition LCD display, with intelligent microcomputer control, parameter real-time display.

Menu-type operation interface, simple and convenient, can quickly set temperature and time parameters.



### Internal circulation system

Back suction and both sides forced convection system.

Adopts high-quality fan and large impeller fan, the machine has higher ventilation efficiency and better temperature uniformity.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

## Safety



With over temperature control of visible & audible alarm system.



The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.



Self-diagnosis function: display fault information, which is convenient for judging the fault point.



Application

It is a requisite device for strain storage, biological culture and scientific research in colleges and universities, biological, agricultural or scientific research sectors and other departments.



Optional

Intelligent LCD programable temperature controller (Optional USB data storage, RS485 / 232 and printer), spare shelf.

Specifications

Model		ICB-30E	ICB-50E	ICB-80E	ICB-160E	ICB-270E
Capacity (L)		30	50	80	160	270
Circulation		Forced air convection		Forced air convection		
Dimension (W*D*H)	Internal (mm)	320*300*315	350*350*410	400*400*500	500*500*650	600*600*750
	External (mm)	650*470*510	510*520*800	580*570*890	680*670*1050	770*780*1150
Temperature	Range (℃)	RT+5 ~ 65		RT+5 ~ 65		
	Fluctuation (℃)	0.5		0.5		
	Resolution (℃)	0.1		0.1		
	Uniformity (℃)	±1		±1		
	Sensor	PT100		PT100		
Controller		PID		PID		
Display		Large high efinition LCD		Large high efinition LCD		
Timer (min)		1 ~ 9999		1 ~ 9999		
Material	Internal	Stainless steel		Stainless steel		
	External	Electro-galvanized steel with antimicrobial powder coating		Electro-galvanized steel with antimicrobial powder coating		
Shelves		2	2	2	3	3
Test Hole (mm)		Optional Φ25, 50, 80		Optional Φ25, 50, 80		
Safety Device		Leakage protector / Over-temperature alarm		Leakage protector / Over-temperature alarm		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz		AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	200	210	280	380	570
N.W. / G.W. (kg)		35 / 40	43 / 50	52 / 55	85 / 95	103 / 110
Shipping Dimension (W*D*H) (mm)		700*540*700	640*640*940	640*630*1030	720*720*1080	960*850*1260
Optional		Independent temperature limiting controller		Independent temperature limiting controller		
		Intelligent LCD programable temperature controller (Optional USB data storage, RS485 / 232 port and printer).		Intelligent LCD programable temperature controller (Optional USB data storage, RS485 / 232 port and printer), spare shelf.		