

Heating Incubator

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

EHF CE FDA

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.



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.

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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.



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



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



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 programmable 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				
Dimension	Internal (mm) 320*300*315 External (mm) 650*470*510	350*350*410 510*520*800	400*400*500 580*570*890	500*500*650 680*670*1050	600*600*750 770*780*1150
(W*D*H)	Range (°C) RT+5 ~ 65	RT+5 ~ 65	RT+5 ~ 65	RT+5 ~ 65	RT+5 ~ 65
Temperature	Fluctuation (°C) 0.5 Resolution (°C) 0.1 Uniformity (°C) ±1	0.5 0.1 ±1	0.5 0.1 ±1	0.5 0.1 ±1	0.5 0.1 ±1
Controller	PID PT100				
Display	Large high definition LCD				
Timer (min)	1 ~ 9999				
Material	Internal Stainless steel	Electro-galvanized steel with antimicrobial powder coating	Stainless steel	Electro-galvanized steel with antimicrobial powder coating	Stainless steel
Shelves	2	2	2	3	3
Test Hole (mm)	Optional Ø25, 50, 80				
Safety Device	Leakage protector / Over-temperature alarm				
Electricity	Voltage / Frequency Consumption (W)	AC 220 / 110V, 50 / 60Hz 200	210	280	380
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 Intelligent LCD programmable temperature controller (Optional USB data storage, RS485 / 232 port and printer).				