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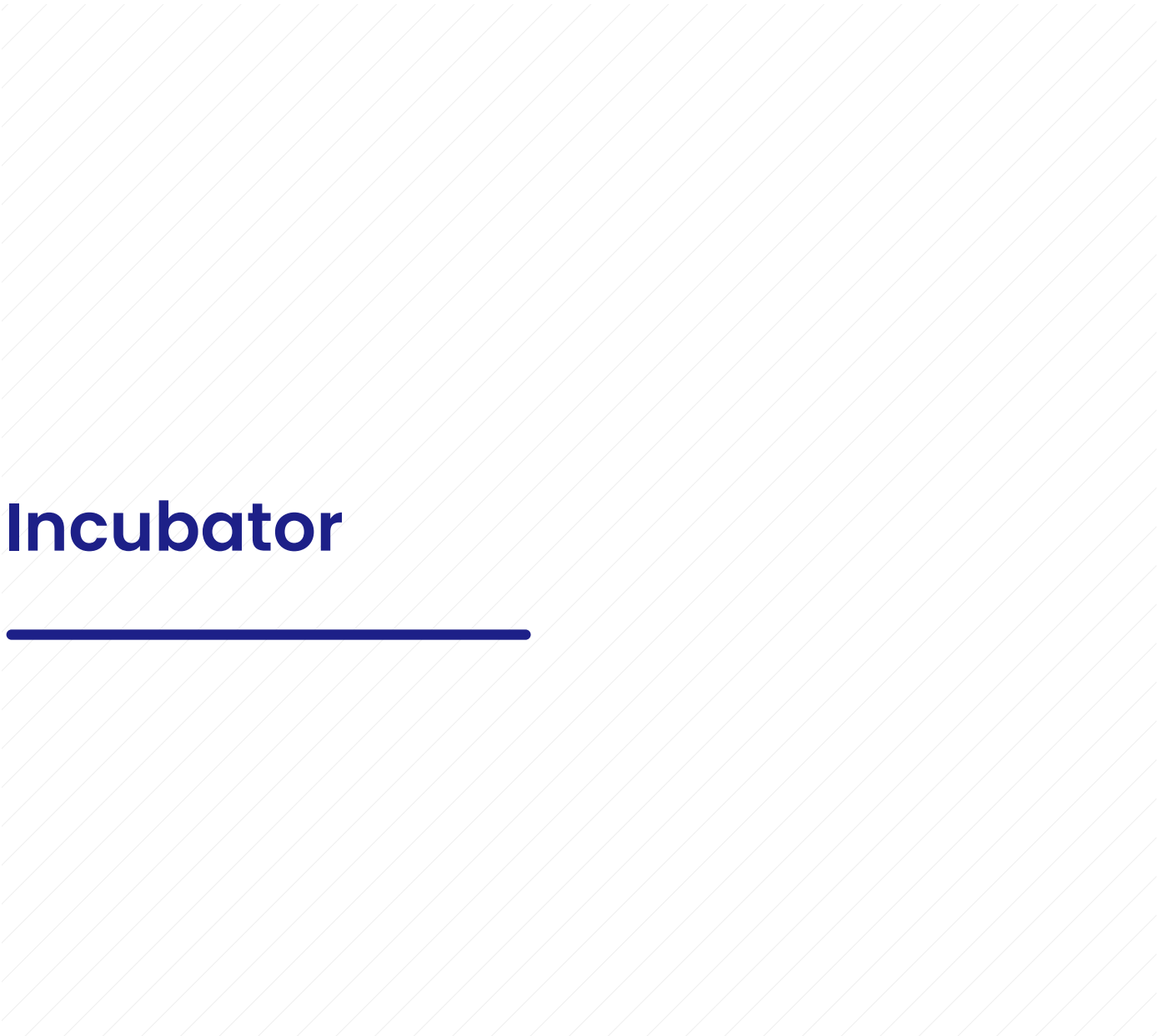
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Infitek



Incubator

Laboratory and Medical equipment
one-stop solution provider

INFITEK CO., LTD.

INTRODUCTION



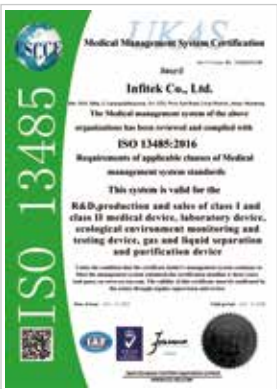
As a manufacturer of professional scientific instruments, Infitek has 18 factories, with products and services range from life sciences, chemical analysis, optical analysis, water quality testing and environmental monitoring, etc.

Infitek has established R&D centers in Shenzhen, Beijing, Shanghai and Jinan, and has developed collaboration with established in-depth cooperation with hundreds of well-known universities and scientific research institutions at home and abroad.

Infitek

Founded in 2010, Infitek is headquartered in Shenzhen, China. Infitek is committed to providing customers with high-quality products and services, contributing to the continuous improvement of the quality of life, the simplicity& efficiency of scientific experiments, and the sustainable development of the world.

CERTIFICATE



Infitek continues to improve its core competitiveness, and numerous products have been US FDA-listed and obtained CE certificates. In addition, the company has achieved ISO9001, ISO13485, and ISO45001 certifications. The company will continue to be committed to providing innovative scientific instruments and solutions to global scientific research institutions, laboratories and industrial enterprises, and building a comprehensive service platform for scientific instruments and medical devices integrating R&D, production, sales and service.

Infitek will continue to increase investment in scientific researches, deepen cooperation with business partners, provide customers with better products and services, meet the needs of global customers, and realize one-stop service. With unremitting efforts and innovative spirit, Infitek is heading to accomplish the mission of ranking in top 10 global scientific service platforms, and creating unlimited possibilities for the sustainable development of the world.

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 tempered glass door allows the objects in the cavity to be clearly seen.

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)		35	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 (℃)	±2℃ (37℃)		±2℃ (37℃)		
	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	300	400	600	750
N.W. / G.W. (kg)		35 / 40	43 / 50	52 / 70	85 / 95	103 / 110
Package Dimension (W*D*H)(mm)		720*540*700	670*630*990	700*700*1080	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.		

Heating Incubator

ICB-20 ICB-30 ICB-40 ICB-50 ICB-80
ICB-81 ICB-140 ICB-160 ICB-250 ICB-270



Key Features



ICB-40 ICB-81 ICB-140 ICB-250



ICB-20 ICB-30 ICB-50 ICB-80
ICB-160 ICB-270



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.



Internal circulation system

Forced convection system.

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



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality mirror 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 glass wool, 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.



Equipped with spare temperature control which ensures the product work normally even the main temperature control failed.



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

- Programable temperature controller
- RS485 port
- UV sterilization device
- Spare shelf

Specifications

Model		ICB-20	ICB-30	ICB-50	ICB-80	ICB-40	ICB-81	ICB-140	ICB-250	ICB-160	ICB-270
Capacity (L)		20	30	50	80	43	81	138	252	160	270
Circulation Mode		Breeze circulation				Natural convection, forced convection can be selected				Breeze circulation	
Dimension (W*D*H)	Internal (mm)	250*250*320	300*300*350	350*350*410	400*400*500	350*350*350	450*400*450	500*500*550	600*600*700	500*500*650	600*600*750
	External (mm)	380*350*620	430*400*650	480*460*730	530*500*830	640*500*600	730*530*690	780*690*800	880*730*950	630*600*970	730*700*1070
Temperature	Range (℃)	RT+5 ~ 66	RT+5 ~ 66	RT+5 ~ 66	RT+5 ~ 66	RT+5 ~ 80	RT+5 ~ 80	RT+5 ~ 80	RT+5 ~ 80	RT+5 ~ 66	RT+5 ~ 66
	Fluctuation (℃)	±0.5				±0.5					
	Resolution (℃)	0.1				0.1					
	Uniformity (℃)	±1				±1					
	Sensor	PT100				PT100					
Controller		Microcomputer				Microcomputer					
Display		High efinition LCD				High efinition LCD					
Timer (min)		1 ~ 9999				1 ~ 9999					
Material	Internal	Mirror 201 stainless steel				Mirror 201 stainless steel					
	External	Coated cold rolled steel				Coated cold rolled steel					
Shelves		2	2	2	2	2	2	2	2	3	3
Safety Device		Over temperaure visible & audible alarm, leakage protector				Over temperaure visible & audible, leakage protector					
Electricity	Voltage/Frequency	AC 220 / 110V, 50 / 60Hz				AC 220 / 110V, 50 / 60Hz					
	Consumption (W)	150	180	250	300	450	700	850	1200	450	600
N.W. / G.W.(kg)		30/41	35/49	40/72	45/71	35/59	50/79	80/108	107/152	79/94	85/127
Package Dimension(W*D*H)(mm)		510*490*800	580*560*900	640*620*890	960*640*650	750*650*790	850*660*870	880*780*1000	900*1010*1160	760*760*1130	860*860*1240
Optional		Programable temperature controller 、 RS485 port 、 UV sterilization device、 spare shelf				Programable temperature controller 、 RS485 port 、 UV sterilization device、 spare shelf					

Desktop Constant-Temperature Incubator

ICB-18 ICB-18E



Key Features



Energy-saving

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



Intelligent control

High efinition digital display, with intelligent microcomputer control, parameter real-time display.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality mirror 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.

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.

Safety

The insulation material is made of high quality rock wool board, and the insulation layer of the chamber is thickened.

With over temperature control of visible & audible alarm system.

Optional

Spare shelf



Specifications

Model		ICB-18	ICB-18E
Capacity		18L	
Circulation Mode		Natural convection	
Dimension (W*D*H)	Internal	260*260*260 mm	
	External	380*455*568 mm	
Temperature	Range	RT+5 ~ 65 C	
	Fluctuation	±0.5 C	
	Resolution	0.1 C	
	Uniformity	±2.0 C	
	Sensor	PT100	
Controller		PID Intelligent	
Display		Digital LED	
Timer		0 ~ 9999 min (with timing wait function)	
Material	Internal	Without E model: mirror stainless steel	
	External	With E model: high strengthgalvanized sheet	
Shelves (Standard / Max)		Cold rolled steel electrostatic spraying exterior	
Exhaust Hole		2 / 6	
Safety Device		Standard Ø35 mm top with function of test hole	
Electricity	Voltage / Frequency	Over temperaure visible & audible alarm	
	Consumption	AC 220 / 110V, 50 / 60Hz	
N.W. / G.W.(kg)		180W	
Package Dimension(W*D*H)(mm)		15 / 23	
		490*520*650	520*500*650
Optional		Spare shel	

Heating Incubator

ICB-45E ICB-65E ICB-125E ICB-210E
ICB-45 ICB-65 ICB-125 ICB-210



Key Features



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

Intelligent PID control is adopted, and the parameters are displayed in real time.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

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



The insulation material is made of premium foam, and the insulation layer of the chamber is thickened.



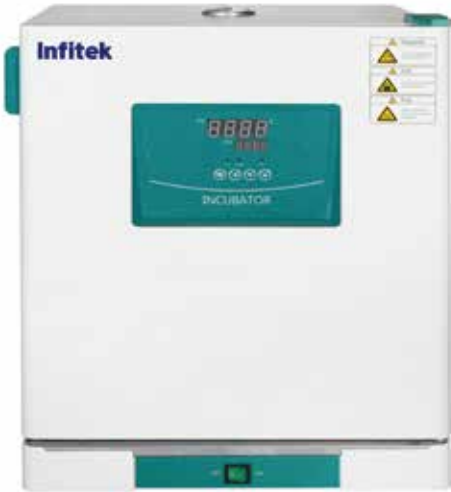
With over temperature control of visible& audible alarm system.

Application

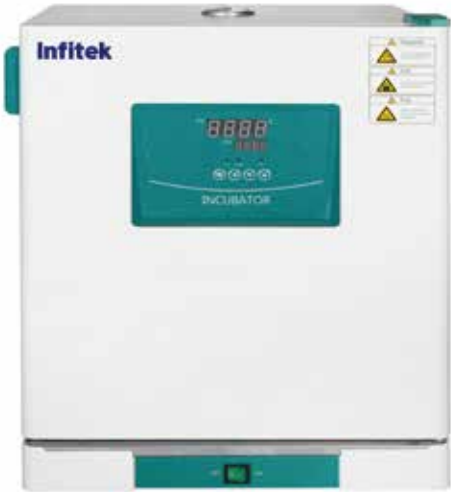
It is a requisite device for strain storage, biological culture and scientific research in colleges and universities, biological, agricultural or scientific research sectors and other departments.

Optional
Spare shelf

Specifications



ICB-45E ICB-65E ICB-125E ICB-210E
ICB-45 ICB-65 ICB-125 ICB-210



ICB-45E ICB-65E ICB-125E ICB-210E
ICB-45 ICB-65 ICB-125 ICB-210

Model		ICB-45E	ICB-65E	ICB-125E	ICB-210E	ICB-45	ICB-65	ICB-125	ICB-210
Capacity (L)		45	65	125	210	45	65	125	210
Circulation Mode		Natural convection				Natural convection			
Dimension (W*D*H)	Internal (mm)	350*350*350	400*350*450	500*450*550	600*580*600	350*350*350	400*350*450	500*450*550	600*580*600
	External (mm)	525*480*620	575*480*720	675*580*820	775*710*870	525*480*620	575*480*720	675*580*820	775*710*870
Temperature	Range (℃)	RT+5~70				RT+5~70			
	Fluctuation (℃)	±0.5				±0.5			
	Resolution (℃)	0.1				0.1			
	Uniformity (℃)	±1.5				±1.5			
	Sensor	PT100				PT100			
Controller		PID Intelligent				PID Intelligent			
Display		Digital LED				Digital LED			
Timer (min)		0~9999min (with timing wait function)				0~9999min (with timing wait function)			
Material	Internal	High strength galvanized sheet				Mirror stainless steel			
	External	Cold rolled steel electrostatic spraying exterior				Cold rolled steel electrostatic spraying exterior			
Shelves (Standard / Max)		2 / 7	2 / 10	2 / 13	2 / 14	2 / 7	2 / 10	2 / 13	2 / 14
Exhaust Hole (mm)		Φ35mm top with function of test hole				Φ35mm top with function of test hole			
Safety Device		Over temperaure Visible& Audible alarm				Over temperaure Visible& Audible alarm			
Electricity	Voltage/Frequency	AC 220/110V, 50/60Hz				AC 220/110V, 50/60Hz			
	Consumption (W)	350	450	600	700	350	450	600	700
N.W. / G.W.(kg)		27/40	32/53	45/60	55/70	27/40	32/45	45/60	55/70
Package Dimension (W*D*H)(mm)		595*562*795	650*570*890	745*662*990	850*810*1050	595*562*795	650*570*890	745*662*990	845*792*1040
Optional		Spare shelf				Spare shelf			

Portable Incubator

ICB-P9



Key Features



Energy-saving

High temperature silicone seal for good leak-tightness.
Good heat insulation for preventing the loss of heat too quickly.



Intelligent control

Intelligent PID temperature control.
Simple and convenient operation, can quickly set temperature and time parameters.



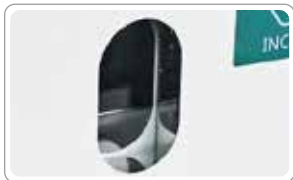
Internal circulation system

Internal naturally air convection.
The four-sided heating method makes the internal temperature more uniform.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down
Mirror stainless steel inner chamber, four corners arc transition easy to clean.



Humanized design

With high quality glass window and installed LED light on the door,which is convenient for observing internal samples, especially in dark conditions.
The anti-scalding design of the door handle makes it easy to open and close the door.
Portable design with handle on top for easy moving.

Application

It is used for industrial and mining enterprises, food processing, agriculture, biochemistry, biology, medicine industry of bacteria, microbe and other small culture experiments.

Safety

With sensor failure alarm, fixed value operation, timing operation, deviation correction, menu locking and other functions.
With over temperature control of visible& audible alarm system.

Optional

Vehicular (DC12V/AC110V/AC220V)
Spare shelf



Specifications

Model		ICB-P9
Capacity		9.2L
Circulation Mode		Natural convection
Dimension (W*D*H)	Internal	230*200*200mm
	External	310*276*298mm
Temperature	Range	RT+5-65℃
	Fluctuation	±0.5℃
	Resolution	0.1℃
	Uniformity	±1.0℃
	Sensor	PT100
Controller		PID
Display		LED
Timer		0-9999 min (with timing waiting function)
Material	Internal	Mirror stainless steel
	External	Cold rolled steel electrostatic spraying exterior
Shelves (Standard / Max)		2 / 4
Safety Device		Over temperature sound and light alarm
Electricity	Voltage / Frequency	AC220V/50/60HZ
	Consumption	80W
N.W. / G.W.(kg)		8 / 10 kg
Package Dimension(W*D*H)(mm)		360*330*380mm
Optional		Vehicular(DC12V/AC110V/AC220V), Spare shelf

Constant Temperature Incubator

ICB-45P ICB-65P ICB-125P ICB-210P



Key Features



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



Intelligent control
Large high efinition LCD display,with intelligent PID control, parameter real-time display.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory.



Internal circulation system
Bottom forced convection system.

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



Dedicated sheet metal processing
The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.



Humanized design
Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

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

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.

Safety

Digital independent temperature limiter.

The insulation material is made of premium foam, and the insulation layer of the chamber is thickened.

With over temperature control of visible & audible alarm system.

Optional

- Spare shelf
- USB port



Specifications

Model		ICB-45P	ICB-65P	ICB-125P	ICB-210P
Capacity (L)		45	65	125	210
Circulation Mode		Breeze circulation			
Dimension (W*D*H)	Internal (mm)	350*350*350	400*350*450	500*450*550	600*580*600
	External (mm)	525*480*620	575*480*720	675*580*820	775*710*870
Temperature	Range (℃)	RT+5 ~ 70			
	Fluctuation (℃)	0.5			
	Resolution (℃)	0.1			
	Uniformity (℃)	0.8			
	Sensor	PT100			
Controller		PID Intelligent			
Display		Large high efinition LCD			
Timer (min)		0 ~ 9999 (with timing wait function)			
Material	Internal	Mirror stainless steel			
	External	Cold rolled steel electrostatic spraying exterior			
Shelves (Standard / Max)		2 / 7	2 / 10	2 / 13	2 / 14
Exhaust Hole (mm)		Standard Φ28 top with function of test hole			
Safety Device		Over temperaure visible & audible alarm, digital independent temp. limiter			
Electricity	Voltage/Frequency	AC 220 / 110V, 50 / 60Hz			
	Consumption (W)	350	450	600	700
N.W. / G.W.(kg)		27 / 44	32 / 35	45 / 49	55 / 63
Package Dimension(W*D*H)(mm)		580*600*780	655*572*875	680*760*1000	855*802*1025
Optional		Spare shelf, USB port			

Cooling Biochemical Incubator

ICB-B70Z ICB-B100Z ICB-B150Z
ICB-B250Z ICB-B350Z ICB-B450Z



ICB-B70Z ICB-B100Z



ICB-B150Z ICB-B250Z
ICB-B350Z ICB-B450Z

Key Features



Energy-saving

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

High efficiency and energy saving compressor, stable temperature control and low power 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.



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.

Internal circulation system

Back suction and bottom forced convection system.

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



Humanized design

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



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

The product is applicable to scientific research institutes, colleges and production departments engaged in environmental protection, epidemic prevention, drug test, livestock and aquatic products. It's a dedicated thermostatic equipment for water analysis and measure, culture and conservation of bacteria, mucedine and microorganism, plant cultivation and breeding experiment.



Optional

Test hole, internal socket, Digital independent temperature limiter 、Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf

Specifications

Model		ICB-B70Z	ICB-B100Z	ICB-B150Z	ICB-B250Z	ICB-B350Z	ICB-B450Z
Capacity (L)		70	100	150	250	350	450
Circulation Mode		Forced convection			Forced convection		
Dimension (W*D*H)	Internal (mm)	450*350*450	510*390*510	550*390*800	560*420*1050	560*530*1200	700*530*1210
	External (mm)	560*555*885	620*590*990	600*630*1460	660*660*1700	670*730*1880	810*790*1890
Temperature	Range (℃)	0 ~ 60			0 ~ 60		
	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	Cold rolled steel electrostatic spraying exterior			Cold rolled steel electrostatic spraying exterior		
Shelves		2	2	3	3	3	4
Test Hole (Optional)(mm)		Φ25, 50, 80, 100			Φ25, 50, 80, 100		
Refrigerant		R134a (CFC free)			R134a (CFC free)		
Safety Device		Leakage protector ,Audible alarm			Leakage protector ,Audible alarm		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	660	680	900	1000	1100	1600
N.W./G.W. (kg)		55 / 70	56 / 87	73 / 115	98 / 140	125 / 170	158 / 200
Package Dimension(W*D*H)(mm)		750*740*1180	750*740*1170	710*710*1620	800*760*1930	800*850*1900	900*1150*2080
Optional		Test hole, internal socket, Digital independent temperature limiter 、Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf			Test hole, internal socket, Digital independent temperature limiter 、Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf		

BOD Refrigerated Incubator

ICB-B70E ICB-B150E ICB-B250E
ICB-B70 ICB-B150 ICB-B250



Key Features



Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.
High efficiency and energy saving compressor, stable temperature control and low power consumption.



Internal circulation system

Back suction forced convection system.
Adopts high-quality fan and large impeller fan, has higher ventilation efficiency and better temperature uniformity.
Air cooled hermetic compressor with cooling system, effectively extend the life of the compressor.



Intelligent control

E model: Large high definition LCD display, with intelligent microcomputer control, parameter real-time display.
Without E model: Large high definition LCD display, 10 segment program temperature with intelligent microcomputer control, parameter real-time display.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.
The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.
The anti-scalding design of the door handle makes it easy to open and close the door.



With over temperature control of visible & audible alarm system.



E model: Deviation correction, menu key lock, power failure parameter memory.



Models without E also have: Loop self diagnosis, sensor fault alarm.

Application

The product is applicable to scientific research institutes, colleges and production departments engaged in environmental protection, epidemic prevention, drug test, livestock and aquatic products.
It's a dedicated thermostatic equipment for water analysis and measure, culture and conservation of bacteria, mucedine and microorganism, plant cultivation and breeding experiment.

Optional

Spare shelf , build-in printer,
USB data storage

Specifications



ICB-B70E ICB-B150E ICB-B250E
ICB-B70 ICB-B150 ICB-B250



ICB-B70E ICB-B150E ICB-B250E
ICB-B70 ICB-B150 ICB-B250

Model		ICB-B70E	ICB-B70	ICB-B150E	ICB-B150	ICB-B250E	ICB-B250
Capacity (L)		70	70	150	150	250	250
Circulation Mode		Forced convection			Forced convection		
Dimension (W*D*H)	Internal (mm)	415*350*500	415*350*500	490*400*750	490*400*750	500*515*950	500*515*950
	External (mm)	571*591*1051	571*591*1051	646*641*1301	646*641*1301	656*741*1501	656*741*1501
Temperature	Range (℃)	0 ~ 65			0 ~ 65		
	Fluctuation (℃)	High Temp. : ±0.5 Low Temp. : ±1			High Temp. : ±0.5 Low Temp. : ±1		
	Resolution (℃)	0.1			0.1		
	Uniformity (℃)	±1.5			±1.5		
	Sensor	PT100			PT100		
Controller		Microcomputer control			Microcomputer control		
Display		Large high efinition LCD			Large high efinition LCD		
Timer (h)		E model: 0 ~ 99.9			E model: 0 ~ 99.9		
		Without E model: 0 ~ 99.9 *10 segment (with timing wait function)			Without E model: 0 ~ 99.9 *10 segment(with timing wait function)		
Material	Internal	Mirror stainless steel			Mirror stainless steel		
	External	Cold rolled steel electrostatic spraying exterior			Cold rolled steel electrostatic spraying exterior		
Shelves (Standard / Max)		2 / 5	2 / 5	2 / 9	2 / 9	2 / 12	2 / 12
Test Hole (mm)		Φ43			Φ43		
Internal Socket		Outer universal socket (one), inner waterproof socket (one)			Outer universal socket (one), inner waterproof socket (one)		
Refrigerant		R134a (CFC free)			R134a (CFC free)		
Safety Device		Over temperaure visible & audible alarm			Over temperaure visible & audible alarm		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	800	800	1000	1000	1200	1200
N.W. / G.W. (kg)		69 / 92	69 / 92	86 / 114	86 / 140	100 / 139	100 / 139
Package Dimension(W*D*H)(mm)		708*716*1368	710*710*1250	788*866*1468	790*870*1470	761*830*1690	761*830*1690
Optional		Spare shelf , build-in printer,USB data storage			Spare shelf , build-in printer,USB data storage		

BOD Incubator

ICB-B70P ICB-B150P ICB-B250P



Key Features



Energy-saving

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

High efficiency and energy saving compressor, stable temperature control and low power consumption.

Intelligent control

5.0 inches touch screen display, with intelligent microcomputer control, parameter real-time display.

Sensor deviation correction, temperature overshoot auto-tuning, power-off parameter memory, loop self diagnosis.



Internal circulation system

Bottom forced convection system.

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



Dedicated sheet metal processing

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



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design outer door, with good sealing.

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

Application

The product is applicable to scientific research institutes, colleges and production departments engaged in environmental protection, epidemic prevention, drug test, livestock and aquatic products. It's a dedicated thermostatic equipment for water analysis and measure, culture and conservation of bacteria, mucidine and microorganism, plant cultivation and breeding experiment.

Safety

With over temperature control of visible & audible alarm system.

Temperature curve view, reservation start.

Standard UV sterilization device, digital independent temperature limiter.

Optional

Shelf, RS485 interface, printer, USB data storage



Specifications

Model		ICB-B70P	ICB-B150P	ICB-B250P
Capacity (L)		70	150	250
Circulation Mode		Forced convection		
Dimension (W*D*H)	Internal (mm)	420*350*500	500*500*600	600*500*840
	External (mm)	580*610*1190	660*760*1290	760*760*1530
Temperature	Range (℃)	0 ~ 65		
	Fluctuation (℃)	High Temp. : ±0.5 Low Temp. : ±1		
	Resolution (℃)	0.1		
	Uniformity (℃)	±1		
	Sensor	PT100		
Controller		Microcomputer control		
Display		5.0 inches touch screen		
Timer (h)		0 ~ 99.9*30 segment		
Material	Internal	Mirror stainless steel		
	External	Cold rolled steel electrostatic spraying exterior		
Shelves (Standard / Max)		2 / 9	2 / 12	2 / 18
Test Hole (mm)		Φ43		
Refrigerant		R134a (CFC free)		
Internal Socket		Outer universal socket (one), inner waterproof socket (one)		
Safety Device		Over temperaure visible & audible alarm, digital independent temp. limiter		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	800	1000	1200
N.W. / G.W. (kg)		69 / 92	86 / 114	100 / 139
Package Dimension(W*D*H)(mm)		708*716*1368	788*866*1468	890*880*1700
Optional		Shelf, RS485 interface, printer, USB data storage		

Cooling Biochemical Incubator

ICB-B80 II ICB-B150 II ICB-B250 II ICB-B300 II ICB-B400 II



Key Features



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.

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Internal circulation system

High-quality compressor, automatic control for hot and cold.

Back suction forced convection system.

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



Intelligent control

Real-time parameter high definition LCD display, intelligent microcomputer control.

Simple and convenient operation, can quickly set temperature and time parameters.

Standard RS-485 communication interface



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of 304 high-quality mirror stainless steel, with strong corrosion resistance.



Humanized design

Equipped with lamp inside, easy observation.

Equipped with power supply outlet inside chamber, easily provide electricity for small instruments.

The surface coated, good appearance and maintenance.

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

Safety



Over-temperature control sound alarm system.



Equipped with spare temperature control which ensures the product work normally even the main temperature control failed (for heating).



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



Application

Biochemical incubators are suitable for scientific research and production departments such as environmental protection, medical treatment, sanitation, epidemic prevention, drug inspection, agriculture, livestock and aquaculture.



Optional

- Multi-segment programmable control
- Φ25mm (50mm) test hole
- Spare shelf
- USB port
- Printer

Specifications

Model		ICB-B80 II	ICB-B150 II	ICB-B250 II	ICB-B300 II	ICB-B400 II
Capacity (L)		80	150	250	300	400
Circulation Mode		Forced convection		Forced convection		
Dimension (W*D*H)	Internal (mm)	400*370*550	450*420*850	480*490*1070	520*500*1170	580*540*1270
	External (mm)	540*590*1070	590*640*1370	620*700*1590	660*710*1690	720*750*1790
Temperature	Range (℃)	0~60		0~60		
	Fluctuation (℃)	High Temp.: ±0.5 Low Temp.: ±1		High Temp.: ±0.5 Low Temp.: ±1		
	Resolution (℃)	0.1		0.1		
	Uniformity (℃)	±1		±1		
	Sensor	PT100		PT100		
Controller		Microcomputer control		Microcomputer control		
Display		High efinition LCD		High efinition LCD		
Timer (min)		1~9999		1~9999		
Material	Internal	Mirror 304 stainless steel		Mirror 304 stainless steel		
	External	Coated cold rolled steel		Coated cold rolled steel		
Shelves (Standard / Max)		2 / 8	3 / 13	3 / 16	3 / 18	3 / 20
Test Hole (Optional)(mm)		Φ25mm (50mm)		Φ25mm (50mm)		
Refrigerant		R134a (CFC free)		R134a (CFC free)		
Safety Device		Over temperaure Visible& Audible alarm,digital independent temp. limiter,leakage protector		Over temperaure Visible& Audible alarm,digital independent temp. limiter,leakage protector		
Electricity	Voltage / Frequency	AC 220/110V, 50/60Hz		AC 220/110V, 50/60Hz		
	Consumption (W)	180	250	350	400	550
N.W. / G.W. (kg)		75/105	85/122	159/189	163/195	145/200.5
Package Dimension(W*D*H)(mm)		800*640*1270	710*760*1570	760*790*1820	790*790*1860	860*860*2010
Optional		Multi-segment programmable control Φ25mm (50mm) test hole USB port Printer spare shelf		Multi-segment programmable control Φ25mm (50mm) test hole USB port Printer spare shelf		

Biochemical Cooling Incubator

ICB-B175P ICB-B275P ICB-B375P
ICB-B475P ICB-B800P ICB-B1075P



Key Features



Energy-saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Internal circulation system

Back suction forced convection system.

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



Intelligent control

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

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



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of 304 high-quality mirror stainless steel, with strong corrosion resistance.



Humanized design

Equipped with lamp inside, easy observation.

Equipped with power supply outlet inside chamber, easily provide electricity for small instruments.

The surface coated, good appearance and maintenance.

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

Safety



Over-temperature control sound alarm system



Equipped with spare temperature control which ensures the product work normally even the main temperature control failed (for heating)

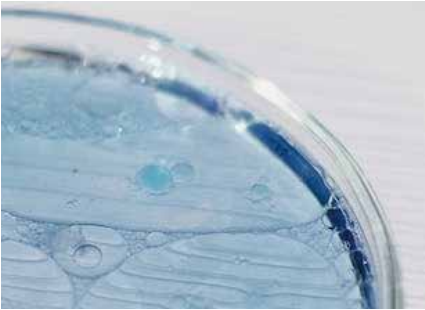


Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.



Application

Biochemical incubators are suitable for scientific research and production departments such as environmental protection, medical treatment, sanitation, epidemic prevention, drug inspection, agriculture, livestock and aquaculture.



Optional

- Φ50mm test hole
- Spare shelf

Specifications

Model		ICB-B175P	ICB-B275P	ICB-B375P	ICB-B475P	ICB-B800P	ICB-B1075P
Capacity (L)		175	275	375	475	800	1075
Circulation Mode		Forced convection			Forced convection		
Dimension (W*D*H)	Internal (mm)	450*420*930	580*510*935	590*550*1160	700*550*1250	965*610*1370	950*700*1600
	External (mm)	650*730*1750	770*740*1710	780*870*1915	880*870*1895	1100*930*2270	1010*900*2340
Temperature	Range (℃)	-10 ~ 75			-10 ~ 75		
	Fluctuation (℃)	±0.5			±0.5		
	Resolution (℃)	0.1			0.1		
	Uniformity (℃)	±1			±1		
	Sensor	PT100			PT100		
Controller		Microcomputer control			Microcomputer control		
Display		High efinition LCD			High efinition LCD		
Timer (min)		1 ~ 9999			1 ~ 9999		
Material	Internal	Mirror 304 stainless steel			Mirror 304 stainless steel		
	External	Coated cold rolled steel			Coated cold rolled steel		
Shelves (Standard / Max)		3 / 8	3 / 8	3 / 10	3 / 12	3 / 13	3 / 14
Test Hole (mm)		Φ25			Φ25		
Internal Socket (Qty)		1			1		
Refrigerant		R134a (CFC free)			R134a (CFC free)		
Safety Device		Over temperaure visible & audible alarm, leakage protector			Over temperaure visible & audible alarm, leakage protector		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	800	1000	1250	1300	2300	2300
N.W. / G.W. (kg)		150/220	165/246	249/272	290/341	390/446	450/620
Package Dimension(W*D*H)(mm)		920*820*1950	950*850*2100	880*980*2120	1000*1010*2010	1040*1240*2310	1290*1170*2600
Optional		Φ50mm test hole, spare shelf			Φ50mm test hole, spare shelf		

Mould Incubator

ICB-M150Z ICB-M250Z ICB-M350Z ICB-M450Z



Key Features



Energy-saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.



Intelligent control

High definition LCD display, real-time display of parameters, self-locking function of screen, simple and convenient operation.

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



Internal circulation system

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

The circulation system adopts the back suction and the bottom vertical air supply mode.

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.



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.

The top of incubator is equipped with an LED light and a UV disinfection lamp.



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

With over temperature control of visible & audible alarm system.

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

Application

It is widely used in mold screening, microbial tissue cell culture, fungal spore culture, food and drug, preservation experiments, seed germination and other test needs.

Optional

- 1.Independent temperature limiting controller
- 2.Intelligent LCD procedure temperature controller(Optional USB,RS485/232 and printer)



Specifications

Model		ICB-M150Z	ICB-M250Z	ICB-M350Z	ICB-M450Z
Capacity (L)		150	250	350	450
Circulation Mode		Forced convection			
Dimension (W*D*H)	Internal (mm)	550*390*800	560*420*1050	560*530*1200	700*530*1210
	External (mm)	600*630*1460	660*660*1700	670*730*1880	810*790*1890
Temperature	Range (℃)	0~60			
	Fluctuation (℃)	±0.5			
	Resolution (℃)	0.1			
	Uniformity (℃)	±1			
	Sensor	PT100			
Controller		PID			
Display		LCD			
Timer (min)		1-9999			
Material	Internal	Stainless steel			
	External	Electro-galvanized steel with antimicrobial powder coating			
Shelves		3	3	3	4
Test Hole (mm)		Optional φ25,50,80,100			
Safety Device		Leakage protector/Over- temperature alarm			
Electricity	Voltage/Frequency	220/50			
	Consumption (W)	900	1000	1100	1600
N.W. / G.W. (kg)		120	140	170	200
Package Dimension(W*D*H)(mm)		730*730*1640	800*760*1930	870*750*1930	900*1150*2080
Optional		1.Independent temperature limiting controller 2.Intelligent LCD procedure temperature controller(Optional USB, RS485/232 and printer)			

Constant Temperature Humidity Chamber

ICB-H70 ICB-H150 ICB-H250



Key Features



Energy-saving

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

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Intelligent control

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

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.



Internal circulation system

Back suction forced convection system.

Unique internal air circulation structure design, fan breeze circulation, uniform temperature distribution in the work room.



Dedicated sheet metal processing

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



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

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

Application

The product is applicable to scientific research institutes, colleges and production departments engaged in environmental protection, epidemic prevention, drug test, livestock and aquatic products. It's a dedicated thermostatic equipment for water analysis and measure, culture and conservation of bacteria, mucidine and microorganism, plant cultivation and breeding experiment.

Safety

With over temperature control of visible & audible alarm system.

Inner humidifying system with small particles, good humidity uniformity, low water consumption and function of alarm when is short of water.

Optional

Spare shelf , build-in printer, USB data storage



Specifications

Model		ICB-H70	ICB-H150	ICB-H250
Capacity (L)		70	150	250
Circulation Mode		Forced convection		
Dimension (W*D*H)	Internal (mm)	415*350*500	490*400*750	500*515*950
	External (mm)	571*661*1051	646*711*1301	656*811*1501
Temperature	Range (℃)	No humidification: 5~ 65 With humidification: 10 ~ 60		
	Fluctuation (℃)	High Temp.: ±0.5 Low Temp.: ±1		
	Resolution (℃)	0.1		
	Uniformity (℃)	±1		
	Sensor	PT100		
Humidity	Range	45% ~ 95%RH		
	Stability	±5%RH		
	Method	Internal		
	Sensor	High precision anti-condensation		
Controller		PID		
Display		Large high definition LCD		
Timer (h)		0 ~ 99.99*30 segments (with timing wait function)		
Material	Internal	Mirror stainless steel		
	External	Cold rolled steel electrostatic spraying exterior		
Shelves(Standard / Max)		2/5	2/9	2/12
Test Hole (mm)		Φ43		
External Socket		Universal socket (one)		
Refrigerant		R134a (CFC free)		
Defrosting Mode		Automatic		
Safety Device		Visible & audible over temperaure, over humidity, water shortage alarm		
Electricity	Voltage/Frequency	AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	1800	2000	2200
N.W. (kg) / G.W. (kg)		69 / 92	86 / 114	100 / 139
Package Dimension (W*D*H)(mm)		676*750*1235	751*800*1490	761*900*1690
Optional		Spare shelf , RS485 port, build-in printer, USB data storage		

Constant Temperature Humidity Chamber

ICB-H150 II ICB-H250 II ICB-H300 II
ICB-H400 II ICB-H800 II



Key Features



Energy-saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

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

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Intelligent control

Large-screen LCD display, real-time display of parameters, self-locking function of screen, simple and convenient operation.

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

With USB port to download data.



Internal circulation system

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

The circulation system adopts the back suction and the bottom vertical air supply mode.

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.

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



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

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.



Equipped with spare temperature control which ensures the product work normally even the main temperature control failed (for heating)



Equipped with UV sterilization system

Application

The product is applicable to scientific research institutes, colleges and production departments engaged in environmental protection, epidemic prevention, drug test, livestock and aquatic products. It's a dedicated thermostatic equipment for water analysis and measure, culture and conservation of bacteria, mucidine and microorganism, plant cultivation and breeding experiment.

Optional

- Printer
- Φ 50mm test hole
- RS485 port
- Spare shelf

Specifications



Model		ICB-H150 II		ICB-H250 II		ICB-H300 II		ICB-H400 II		ICB-H800 II	
Capacity (L)		175		275		375		475		800	
Circulation Mode		Forced convection				Forced convection					
Dimension (W*D*H)	Internal (mm)	450*420*930		580*510*935		590*550*1160		700*550*1250		965*610*1370	
	External (mm)	650*730*1750		770*740*1710		780*870*1915		880*870*1895		1100*930*2270	
Temperature	Range (℃)	0~65				0~65					
	Fluctuation (℃)	High±0.5 , Low±1				High±0.5 , Low±1					
	Resolution (℃)	0.1				0.1					
	Uniformity (℃)	±1				±1					
	Sensor	PT100				PT100					
Humidity	Range	40~90%RH				40~90%RH					
	Stability	±3%RH				±3%RH					
	Method	Internal				Internal					
	Sensor	High precision anti-condensation				High precision anti-condensation					
Controller		PID				PID					
Display		Large high efinition LCD				Large high efinition LCD					
Timer (h)		0~99.99h*30 Segments*99 Cycles				0~99.99h*30 Segments*99 Cycles					
Material	Internal	Mirror stainless steel				Mirror stainless steel					
	External	Coated cold rolled steel				Coated cold rolled steel					
Shelves (Standard / Max)		3 / 8		3 / 8		3 / 10		3 / 12		3 / 13	
Test Hole (mm)		Φ25mm				Φ25mm					
Refrigerant		R134a (CFC free)				R134a (CFC free)					
Defrosting Mode		Automatic				Automatic					
Safety Device		Visible& Audible over temperaure, over humidity, water shortage alarm; leakage protector, spare temperature control				Visible& Audible over temperaure, over humidity, water shortage alarm ;leakage protector, spare temperature control					
Electricity	Voltage/Frequency	AC 220/110V, 50/60Hz				AC 220/110V, 50/60Hz					
	Consumption (W)	1600		1800		2200		2250		4000	
N.W. / G.W. (kg)		174/206		205/261		222/292		289/351		360/468	
Package Dimension(W*D*H)(mm)		850*750*1870		960*870*1900		870*960*2110		960*980*2180		1250*1030*2280	
Optional		Printer , RS485 port , Φ50mm test hole ,Spare shelf				Printer , RS485 port , Φ 25mm (50mm) test hole ,Spare shelf					

Constant Temperature Humidity Chamber

ICB-H175 ICB-H275 ICB-H375
ICB-H475 ICB-H800 ICB-H1075



Key Features



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.

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Internal circulation system

Back suction forced convection system.

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

Imported compressor with cooling system, effectively extend the life of the compressor.



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.

With USB port to download data.

Standard built-in printer to record temperature humidity and time data in real time



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of 304 high-quality mirror stainless steel, with strong corrosion resistance.



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

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.



Equipped with UV sterilization device.



Equipped with spare temperature control which ensures the product work normally even the main temperature control failed(for heating).



Imported brand humidity sensor, built-in tank heating humidification system, effectively ensuring the humidity deviation.

Application

The product has an accurate temperature and humidity control system, which provides various environmental simulation conditions required for industrial research and biotechnology testing, so it can be widely used in sterility tests such as pharmaceuticals, textiles, and food processing. Stability inspection and industrial products raw material performance, product packaging, product life and other tests.

Optional

- Ø50mm test hole
- Spare shelf

Specifications



Model		ICB-H175	ICB-H275	ICB-H375	ICB-H475	ICB-H800	ICB-H1075
Capacity (L)		175	275	375	475	800	1075
Circulation Mode		Forced convection			Forced convection		
Dimension (W*D*H)	Internal (mm)	450*420*930	580*510*935	590*550*1160	700*550*1250	965*610*1370	950*700*1600
	External (mm)	650*730*1750	770*740*1710	780*870*1915	880*870*1895	1100*930*2270	1010*900*2340
Temperature	Range (℃)	0 ~ 65			0 ~ 65		
	Fluctuation (℃)	High ±0.5, Low ±1			High ±0.5 , Low ±1		
	Resolution (℃)	0.1			0.1		
	Uniformity (℃)	±1			±1		
	Sensor	PT100			PT100		
Humidity	Range	30 ~ 95%RH			30 ~ 95%RH		
	Stability	±3%RH			±3%RH		
	Method	Internal			Internal		
	Sensor	High precision anti-condensation			High precision anti-condensation		
Controller		PID			PID		
Display		Large high efinition LCD			Large high efinition LCD		
Timer (h)		0 ~ 99.99*30 segments*99 cycles			0 ~ 99.99*30 segments*99 cycles		
Material	Internal	Mirror stainless steel			Mirror stainless steel		
	External	Coated cold rolled steel			Coated cold rolled steel		
Shelves (Standard / Max)		3 / 8	3 / 8	3 / 10	3 / 12	3 / 13	3 / 14
Test Hole (mm)		Ø25			Ø25		
Refrigerant		R134a (CFC free)			R134a (CFC free)		
Defrosting Mode		Automatic			Automatic		
Safety Device		Visible & audible over temperaure, over humidity, water shortage alarm leakage protector, spare temperature control.			Visible & audible over temperaure, over humidity, water shortage alarm leakage protector, spare temperature control.		
Electricity	Voltage/Frequency	AC 220 / 110V, 50 / 60Hz			AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	1600	1800	2200	2250	4000	4000
N.W. / G.W. (kg)		180/217	210/261	228/326	295/358	185 / 250	445/610
Package Dimension(W*D*H)(mm)		850*750*1880	960*870*1900	880*980*2100	1010*1000*2250	1290*1070*2320	1290*1170*2600
Optional		Ø50mm test hole , spare shelf			Ø50mm test hole , spare shelf		

Plant Growth Chamber

ICB-L250B ICB-L350B ICB-L450B

Key Features



Energy-saving

Imported compressor, safe and reliable.

Defrosting function: three-stage electric heating defrosting program control.



Intelligent control

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

The intelligent temperature control system can continuously control temperature, light level and running time.



Internal circulation system

Back suction and bottom forced convection system.

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



Dedicated sheet metal processing

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



Humanized design

Optional 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.



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

Digital independent temperature limiter control sound and light alarm system.

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



Application

It is widely applied to microbial tissue and cell culture, seed germination, seedling culture test, plant cultivation, raising of insects and small animals, etc. Different environmental and climatic conditions can be accurately simulated.

Optional

Test hole, internal socket, Digital independent temperature limiter 、 Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf



Specifications

Model		ICB-L250B	ICB-L350B	ICB-L450B
Capacity (L)		250	350	450
Circulation Mode		Forced convection		
Dimension (W*D*H)	Internal (mm)	560*420*1050	560*530*1200	700*530*1210
	External (mm)	660*660*1700	670*730*1880	810*790*1890
Temperature	Range (℃)	With lighting: 10 ~ 50 Without lighting: 4 ~ 50		
	Fluctuation (℃)	±1		
	Resolution (℃)	0.1		
	Sensor	PT100		
Illumination (Lx)		0 ~ 12000	0 ~ 15000	0 ~ 20000
Illumination Control		6-level relative illuminance control		
Controller		PID		
Display		Large high definition LCD		
Timer (min)		1 ~ 9999 (Optional 30*segments*100 cycles)		
Material	Internal	Stainless steel		
	External	Cold rolled steel electrostatic spraying exterior		
Shelves		3	3	4
Test Hole (Optional) (mm)		Φ 25, 50, 80		
Refrigerant		R134a (CFC free)		
Defrosting Mode		Automatic		
Safety Device		Visible & audible over temperature, leakage protector		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	1500	2150	2250
N.W. / G.W. (kg)		103/123	128/149	153/175
Package Dimension(W*D*H)(mm)		800*750*1910	910*780*2030	880*850*2100
Optional		Test hole, internal socket, Digital independent temperature limiter 、 Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf		

Plant Growth Chamber

ICB-CC250H ICB-CC350H



Key Features



Energy-saving

Adopts energy-saving LED cold light source; The light intensity is adjustable in six levels to meet plants with different light needs.

Intelligent control of humidification method instrument.



Intelligent control

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



Internal circulation system

Back suction and bottom forced convection system.

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



Dedicated sheet metal processing

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



Humanized design

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

Application

It is widely used in microbial tissue and cell culture, seed germination, seedling raising test, plant cultivation, insect and small animal feeding, etc. Different environmental and climatic conditions can be accurately simulated.



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

Digital independent temperature limiter control sound and light alarm system.

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

Optional

Test hole, internal socket, Digital independent temperature limiter 、 Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf



Specifications

Model		ICB-CC250H	ICB-CC350H
Capacity (L)		250	350
Circulation Mode		Forced convection	
Dimension (W*D*H)	Internal (mm)	560*420*1050	560*530*1200
	External (mm)	660*660*1700	670*730*1880
Temperature	Range (℃)	With lighting:10~50 ; Without lighting:4~50	
	Fluctuation (℃)	±1	
	Resolution (℃)	0.1	
	Uniformity (℃)	±1	±2
	Sensor	PT100	
Humidity	Range	50 ~ 90%RH	
	Stability	±5 ~ ±7 %	
	Method	Internal	
	Sensor	High precision anti-condensation	
Illumination (Lx)		0 ~ 12000	0 ~ 15000
Illumination Control		6-level relative illuminance control	
Controller		PID	
Display		Large high efinition LCD	
Timer (min)		1 ~ 9999 (Optional 30*segments*100 cycles)	
Material	Internal	Stainless steel	
	External	Cold rolled steel electrostatic spraying exterior	
Shelves		3	
Test Hole (Optional) (mm)		Φ 25, 50, 80, 100	
Refrigerant		R134a (CFC free)	
Defrosting Mode		Automatic	
Safety Device		Visible & audible over temperaure, over humidity, water shortage alarm; leakage protector	
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz	
	Consumption (W)	1500	2150
N.W. / G.W. (kg)		120 / 128	155 / 260
Package Dimension(W*D*H)(mm)		810*770*1900	790*910*2060
Optional		Test hole, internal socket, Digital independent temperature limiter 、 Programable temperature controller (Optional USB,RS485/232 and built-in printer)、 Spare shelf	

Climate Chamber

ICB-CC175-3 ICB-CC275-3 ICB-CC375-3
ICB-CC475-3 ICB-CC800-3 ICB-CC1075-3



Key Features



Energy-saving

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

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Intelligent control

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

The parameters set by the user can be automatically stored in case of power cut, it will run the original setting program after power restored.

With USB port to download data.



Internal circulation system

Back suction forced convection system.

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

Imported compressor with cooling system, effectively extend the life of the compressor.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of 304 high-quality mirror stainless steel, with strong corrosion resistance.



Humanized design

Double door design, the inner door is made of tempered glass for easy observation, magnetic sealing design for outer door, good sealing.

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

With USB port to download data.

Safety



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.



Equipped with spare temperature control which ensures the product work normally even the main temperature control failed.



Independent temperature limit alarm system, with over temperature control of visible & audible alarm system.

Application

This product is a high-precision hot and cold constant temperature equipment with automatic control of light and humidity. It can be used for plant germination and seedling cultivation, microbial culture, BOD determination for water quality monitoring, and constant temperature test for other purposes. It is an ideal test equipment for production, scientific research and teaching departments in biological genetic engineering, medicine, agriculture, forestry, environmental science, animal husbandry, aquatic products, etc.

Optional

- φ25mm/50mm test hole
- RS485 port
- Spare shelf

Specifications



Model		ICB-CC175-3	ICB-CC275-3	ICB-CC375-3	ICB-CC475-3	ICB-CC800-3	ICB-CC1075-3
Capacity (L)		175	275	375	475	800	1075
Circulation Mode		Forced convection			Forced convection		
Dimension (W*D*H)	Internal (mm)	450*420*930	580*510*935	590*550*1160	700*550*1250	960*610*1370	950*700*1600
	External (mm)	650*730*1750	770*740*1710	780*870*1915	880*870*1895	1100*930*2270	1010*900*2340
Temperature	Range (℃)	With light: 10 ~ 55 Without light: 0 ~ 55			With light: 10 ~ 55 Without light: 0 ~ 55		
	Fluctuation (℃)	≤±1			≤±1		
	Resolution (℃)	0.1			0.1		
	Uniformity (℃)	≤±1			≤±1		
	Sensor	PT100			PT100		
Humidity	Range	30 ~ 95%RH			30 ~ 95%RH		
	Stability	±3%RH			±3%RH		
	Method	Internal			Internal		
	Sensor	High precision anti-condensation			High precision anti-condensation		
Illumination (Lx)		0~12000	0~20000	0~25000	0~30000	0~30000	0~30000
Controller		Microcomputer			Microcomputer		
Display		Large high efinition LCD			Large high efinition LCD		
Timer (h)		1 ~ 99.9*30 segments			1 ~ 99.9 *30 segments		
Material	Internal	Mirror tainless teel			Mirror tainless teel		
	External	Coated cold rolled steel			Coated cold rolled steel		
Shelves (Standard / Max)		3 / 16	3 / 8	3 / 10	3 / 12	3 / 10	3 / 15
Refrigerant		R134a (CFC free)			R134a (CFC free)		
Defrosting Mode		Automatic			Automatic		
Safety Device		Visible & audible over temperaure, over humidity, water shortage alarm; leakage protector, spare temperature control.			Visible & audible over temperaure, over humidity, water shortage alarm; leakage protector, spare temperature control.		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			AC 220 / 110V, 50 / 60Hz		
	Consumption (W)	1650	2200	2700	2900	4200	4200
N.W. / G.W. (kg)		180 / 234	211 / 267	249 / 300	306 / 369	368 / 518	450 / 620
Package Dimension(W*D*H)(mm)		750*840*1860	1020*880*1910	1000*900*2120	1040*1020*2210	1290*1070*2320	1290*1170*2600
Optional		RS485 port , φ25mm/50mm test hole , spare shelf			RS485 port , φ25mm/50mm test hole , spare shelf		

CO₂ Incubator

ICB-CO2-40Y ICB-CO2-80Y ICB-CO2-150Y
ICB-CO2-190Y ICB-CO2-240Y



Key Features



Faster CO₂ concentration restoration speed

If the door needs to be opened frequently during the experiment, infrared sensors are the best choice.

The imported infrared (IR) sensor has the characteristics of fast monitoring of carbon dioxide gas and is not affected by fluctuations in external temperature and humidity.



Internal circulation system

Adopts high-quality fan, higher ventilation efficiency and better temperature uniformity.

The circulation fan speed can be automatically controlled.



High cleanliness level

The door temperature controller can effectively prevent condensation on the glass door of the incubator and prevent the possibility of microbial contamination caused by condensation water from the glass door.

The CO₂ air inlet is equipped with a high-efficiency microbial filter. For particles with a diameter of 0.3μm or greater, the filtration efficiency is as high as 99.99%, effectively filtering bacteria and dust particles in CO₂ gas.

HEPA high-efficiency filter can effectively filter out bacteria and dust particles in the outside air, keeping the incubator in a sterile state.



Humanized design

Can be stacked (two layers) to make full use of laboratory space

The large LCD screen above the outer door can display temperature, CO₂ concentration, relative humidity, and the menu-based operation interface is simple and easy to understand, easy to observe and use.



With temperature limit alarm system and visible& audible alarm system.

Low temperature, high temperature and over-temperature alarms, CO₂ too high or too low concentration alarms.

Safety facilities such as alarms if the door is opened for too long and UV sterilization working status reminders.



Application

CO₂ Incubator is widely used in modern medicine, biology, chemistry and agriculture science for the culture of biological cells, tissues and bacterial.

Specifications



ICB-CO2-40Y ICB-CO2-80Y
ICB-CO2-150Y ICB-CO2-190Y
ICB-CO2-240Y



ICB-CO2-40Y ICB-CO2-80Y
ICB-CO2-150Y ICB-CO2-190Y
ICB-CO2-240Y

Model		ICB-CO2-40Y		ICB-CO2-80Y		ICB-CO2-150Y		ICB-CO2-190Y		ICB-CO2-240Y	
Capacity(L)		40		80		155		190		240	
Circulation Mode		Forced convection				Forced convection					
Dimension (W*D*H)	Internal (mm)	400*286*350		400*450*500		480*530*610		520*530*690		600*630*670	
	External (mm)	590*440*576		590*687*790		670*767*880		708*710*1030		788*837*940	
Temperature	Range (℃)	RT.+5~55				RT.+5~55					
	Fluctuation (℃)	±0.1				±0.1					
	Resolution (℃)	±0.1				±0.1					
	Recovery	(Door open 30s, recovery to 37℃ ≤ 8min				(Door open 30s, recovery to 37℃ ≤ 8min					
Humidity	Range	>90%				>90%					
	Method	Natural vaporization				Natural vaporization					
CO ₂	Range	0~20%				0~20%					
	Resolution	±0.1%				±0.1%					
	Sensor	IR sensor				IR sensor					
	Recovery	(Door open 30s, recovery to 5%)≤3min				(Door open 30s, recovery to 5%)≤3min					
Heating Method		Air-jacketed, PID Control				Air-jacketed, PID Control					
Display		LCD				LCD					
Material	Internal	304 Stainless steel				304 Stainless steel					
	External	Cold rolled steel				Cold rolled steel					
Shelves(Standard / Max)		2/4		2/4		3/6		3/6		3/6	
Test Hole (mm)		φ 50				φ 50					
Safety Device		Temperature limit alarm, visible& audible alarm, Low temperature, high temperature and over-temperature alarms, CO ₂ too high or too low concentration alarms, Alarm for long door opening time, UV sterilization working status reminder				Temperature limit alarm, visible& audible alarm, Low temperature, high temperature and over-temperature alarms, CO ₂ too high or too low concentration alarms, Alarm for long door opening time, UV sterilization working status reminder					
Sterilization Method		90℃ high-temperature moist heat sterilization				90℃ high-temperature moist heat sterilization					
Electricity	Voltage/Frequency	AC 220/110V, 50/60Hz				AC 220/110V, 50/60Hz					
	Consumption (W)	350		500		750		750		950	
N.W./G.W. (kg)		50/70		64/90		85/112		90/134		95/148	
Package Dimension(W*D*H)(mm)		650*710*740		750*710*960		840*790*1070		860*860*1170		960*900*1160	
Optional		Humidity display system ; Shelf ; UV Sterilization				Humidity display system ; Shelf ; UV Sterilization					

CO₂ Incubator

ICB-CO2-50H ICB-CO2-80H ICB-CO2-150H
ICB-CO2-190H ICB-CO2-240H ICB-CO2-30W
ICB-CO2-80W ICB-CO2-150W



Key Features



Faster CO₂ concentration restoration speed

If the door needs to be opened frequently during the experiment, infrared sensors are the best choice.

The infrared (IR) sensor has the characteristics of fast monitoring of carbon dioxide gas and is not affected by fluctuations in external temperature and humidity.



Internal circulation system

Adopts high-quality fan, higher ventilation efficiency and better temperature uniformity.

The circulation fan speed can be automatically controlled.



High cleanliness level

The door temperature controller can effectively prevent condensation on the glass door of the incubator and prevent the possibility of microbial contamination caused by condensation water from the glass door.

The CO₂ air inlet is equipped with a high-efficiency microbial filter. For particles with a diameter of 0.3μm or greater, the filtration efficiency is as high as 99.99%, effectively filtering bacteria and dust particles in CO₂ gas.

With UV sterilization system that can regularly disinfect the inside of chamber.



Humanized design

Two-layer stacking makes full use of laboratory space.

Microcomputer LCD controller, precise and reliable control.

The stainless steel chamber and shelves have semi-circular arc transitions at the four corners, and the shelves brackets can be freely assembled and removed for easy cleaning.



Independent temperature limit alarm system to ensure safe operation of the experiment.

Low temperature, high temperature and over-temperature alarms.

Alarm for long door opening time.



Application

CO₂ Incubator is widely used in modern medicine, biology, chemistry and agriculture science for the culture of biological cells, tissues and bacterial.

Specifications

Model		ICB-CO2-50H ICB-CO2-80H	ICB-CO2-150H ICB-CO2-190H	ICB-CO2-240H	ICB-CO2-30W ICB-CO2-80W	ICB-CO2-150W
Capacity(L)		50/80	150/190	240	26/80	150
Circulation Mode		Forced convection		Forced convection		
Dimension (W*D*H)	Internal (mm)	400*350*350	480*530*610	600*630*670	290*290*310	500*500*650
		400*450*500	520*530*690		400*400*500	
	External (mm)	580*450*730	670*710*950	788*837*940	440*410*544	650*615*914
		590*657*870	708*710*1030		550*520*764	
Temperature	Range (℃)	RT.+5~55		RT.+5~55		
	Fluctuation (℃)	±0.2		±0.2	±0.1	
	Resolution (℃)	±0.1		±0.1		
	Recovery	(Door open 30s, recovery to 37℃ ≤ 8min		(Door open 30s, recovery to 37℃ ≤ 8min		
Humidity	Range	≥90%		≥90%		
	Method	Natural vaporization		Natural vaporization		
CO ₂	Range	0~20%		0~20%		
	Resolution	±0.1%		±0.1%		
	Sensor	IR sensor		IR sensor		
	Recovery	(Door open 30s, recovery to 5%)≤3min		(Door open 30s, recovery to 5%)≤3min		
Heating Method		Air-jacketed, PID Control		Air-jacketed, PID Control	Water-jacketed, PID Control	
Display		LCD		LCD		
Material	Internal	304 Stainless steel		304 Stainless steel		
	External	Cold rolled steel		Cold rolled steel		
Shelves(Standard / Max)		2/4	3/6	3/6	2/4	3/6
Test Hole (mm)		φ50		φ50		
Safety Device		Low temperature, high temperature and over-temperature alarms, Alarm for long door opening time		Low temperature, high temperature and over-temperature alarms, Alarm for long door opening time		
Sterilization Method		UV Sterilization		UV Sterilization		
Electricity	Voltage/Frequency	AC 220/110V, 50/60Hz		AC 220/110V, 50/60Hz		
	Consumption (W)	450/500	750	950	250/680	950
N.W./G.W. (kg)		59/80	83/126	95/148	50/65	68/125
		64/96	85/134		55/90	
Package Dimension(W*D*H)(mm)		720*670*930	830*840*1250	930*910*1220	580*560*810	830*780*1070
		760*720*1060			700*670*1010	
Optional		Humidity display system		Humidity display system		
		Printer (Nested)		Printer (Nested)		
		HEPA high efficiency filter		HEPA high efficiency filter		

Shaking Incubator

ICB-S20 ICB-S50



Key Features



Intelligent control

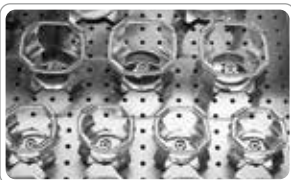
Large high efinition LCD display, with intelligent microcomputer control, parameter real-time display.



Cooling system

Imported compressor with cooling system, effectively extend the life of the compressor(ICB-S80I ICB-S80II).

Brushless DC motor, more stable and reliable.



Dedicated sheet metal processing

The inner chamber is made of mirror stainless steel, with strong corrosion resistance.

The outer shell is made of high-quality cold-rolled steel plate (ICB-S80I); The rest are made of ABS engineering plastic.



Humanized design

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

With observation door to make the objects in the chamber clear at a glance.

Safety

With over temperature control of visible & audible alarm system.

With operation data memory function to eliminate faulty operation.

Auto-stop operation when door is opened. Strong air spring rod with easy opening and closing.

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

Application

The oscillator (commonly known as a shaker) is one of the main equipment for microbial culture. Select special motor, temperature control, speed measurement main components are imported, widely used in biology, medicine, pharmaceutical food, environmental protection and agricultural scientific research.

Optional

Various flask clamps,
Universal spring clamp



ICB-S20



ICB-S50

Specifications

Model		ICB-S20	ICB-S50
Capacity (L)		18	48
Circulation		Forced convection	
Shake Mode		Convolution	
Orbit Diameter (mm)		φ26	
Cyclotron Frequency	Range (rpm/min)	0 (to do static culture), 20 ~ 300	
	Resolution (rpm)	±1	
Temperature	Range (℃)	RT+5 ~ 60	RT+5 ~ 60
	Fluctuation (℃)	≤0.1 (37℃)	
	Resolution (℃)	± 0.1	
Dimension (W*D*H)	Uniformity (℃)	± 1 (37℃)	
	Internal (mm)	320*295*190	440*405*270
	External (mm)	440*410*390	600*580*510
Flask Clamp	Max. capacity	50ml*12 or 100ml*9 or 250ml*6	50ml*20 or 100ml*9 or 250ml*12 or 500ml*9 or 1000ml*4
	Standard capacity	100ml*9	50ml*4 100ml*4 250ml*3 500ml*3
Controller		PID Microcomputer	
Control Mode		Fixed value mode, static mode	
Display		Large high efinition LCD	
Timer (min)		1 ~ 9999 (or continuous operation)	
Refrigerant		/	/
Defrosting Mode		/	/
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm, leakage protector	
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz	
	Consumption (W)	220	320
N.W. / G.W. (kg)		30/46	72 / 88
Package Dimension(W*D*H)(mm)		580*570*570	700*730*700
Optional		Various flask clamps, universal spring clamp.	

Shaking Incubator

ICB-S0420 ICB-S1020



Self-stop protection when the door is opened, and safety alarm.
Auto restart in case of power failure.
With over temperature control of visible& audible alarm system.



ICB-S1020

Key Features

- Large high efinition LCD display,with intelligent microcomputer control, parameter real-time display
- Gentle and reliable shaking with direct brushless DC motor.
- Built-in temperature calibration function.
- Seven interchangeable platforms can be chosen for variety demands.



Application

The constant temperature incubation shaker is a small bench-top shaking incubator that combines the functions of gas bath constant temperature and horizontal oscillation.

It is widely used in the fields of biotechnology, microbiology, medical analysis, etc.

A variety of optional trays meet the placement and fixation of various flasks, beakers, petri dishes, test tubes and other containers.Its ingenious combination of precise temperature control and low frequency and high amplitude oscillation functions;And it has the characteristics of small size, convenient operation, simple maintenance and so on.

Optional

Fixture



Specifications

Model		ICB-S0420	ICB-S1020
Capacity (L)		45	160
Circulation		Forced convection	
Shake Mode		Convolution	
Orbit Diameter (mm)		Φ20	
Cyclotron Frequency	Range (rpm / min)	50~300	50 ~ 250
	Resolution (rpm)	10	
Temperature	Range (℃)	RT+5 ~ 60	
	Fluctuation (℃)	≤±0.5 (37℃)	
	Resolution (℃)	0.1	
	Uniformity (℃)	≤±0.5 (37℃)	
Dimension (W*D*H)	External (mm)	421*320*338	632*502*512
	Platform (mm)	230*230	350*350
Controller		Microcomputer	
Display		Large high efinition LCD	
Timer		1min~99h59min/∞	
Safety Device		Running safely: heating and shaking will be automatically stopped once the lid is open.	
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz	
	Consumption (W)	350	600
N.W. / G.W. (kg)		18.5 / 25.5	41 / 58
Package Dimension(W*D*H)(mm)		570*470*460	760*630*700
Optional		Fixture	

Optional Fixture



ICB-S1020



PF-1



ICB-S1020



TOS30-T1



PF-2



PF-3



PF-4



TOS30-T2



TOS30-T3



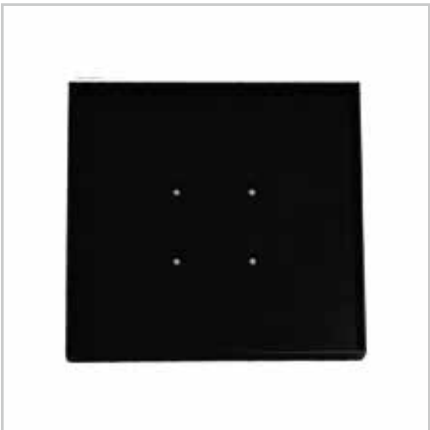
TOS30-T4



PF-5



PF-6



PF-7

Shaking Incubator

ICB-S100B ICB-S200B ICB-S100D
ICB-S200D ICB-SL100F ICB-SL200F



Key Features



Intelligent control

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

Reservation timing switch function.

It has a multi-stage speed, temperature, and time control system, which allows a variety of different speed, temperature, and time experiment modes to be set once.



Internal circulation system

Silent fan design, forced air convection and unique air duct design ensure good temperature uniformity.

High efficiency and energy saving compressor, stable temperature control and low power consumption.



Dedicated sheet metal processing

With ABS cabinet, mirror stainless steel lining and chamber components, inclined humanized control panel.



Humanized design

Environmentally friendly refrigerant, CFC free.

The unique unidimensional drive system makes the machine run smoothly, stably, durable and reliable.

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 unique dynamic balance design ensures smooth operation, starts at ultra-low speed, and automatically locks when the speed is out of control.



Fault self-diagnosis function, auto-stop operation when door is opened and safety alarm.



Application

The oscillator (commonly known as a shaker) is one of the main equipment for microbial culture. Select special motor, temperature control, speed measurement main components are imported, widely used in biology, medicine, pharmaceutical food, environmental protection and agricultural scientific research.

Optional

Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination

Specifications



ICB-S100B ICB-S200B ICB-S100D
ICB-S200D ICB-SL100F ICB-SL200F



ICB-S100B ICB-S200B ICB-S100D
ICB-S200D ICB-SL100F ICB-SL200F

Model		ICB-S100B		ICB-S200B		ICB-S100D		ICB-S200D		ICB-SL100F		ICB-SL200F	
Capacity (L)		70				70							
Circulation		Forced convection				Forced convection							
Drive Mode		Multidimensional drive				Unidimensional drive				Track drive			
Shake Mode		Convolution				Convolution							
Orbit Diameter (mm)		Φ26				Φ0-50							
Cyclotron Frequency	Range (rpm / min)	0 (to do static culture), 20-300				0 (to do static culture), 20-600				0 (to do static culture), 20-260			
	Resolution (rpm)	±1				±1							
Temperature	Range (℃)	RT +5 ~ 65		4 ~ 65 (RT. 25)		RT +5 ~ 65		4 ~ 65 (RT: 25)		RT +5 ~ 65		4 ~ 65 (RT: 25)	
	Fluctuation (℃)	≤0.1 (37℃)				≤0.1 (37℃)							
	Resolution (℃)	± 0.1				± 0.1							
	Uniformity (℃)	± 0.6 (37℃)				± 0.6 (37℃)							
Dimension (W*D*H)	External (mm)	750*710*520				750*710*520							
	Platform (mm)	450*410				410*360							
Flask Clamp	Max. capacity	100ml*23 or 250ml*15 or 500ml*9 or 1000ml*6 or 2000ml*4				100ml*23 or 250ml*15 or 500ml*9 or 1000ml*6 or 2000ml*4		100ml*23 or 250ml*15 or 500ml*9 or 1000ml*6 or 2000ml*4					
	Standard capacity	500ml*3 250ml*3 100ml*4 50ml*4		500ml*3 250ml*4 100ml*5 50ml*5		500ml*3 250ml*3 100ml*4 50ml*4		500ml*3 250ml*4 100ml*5 50ml*5		500ml*3 250ml*3 100ml*4 50ml*4		500ml*3 250ml*4 100ml*5 50ml*5	
Sticky Mat (Optional)	Max. capacity	100ml*30 or 250ml*20 or 500ml*9 or 1000ml*8 or 2000ml*4				100ml*21 or 250ml*16 or 500ml*9 or 1000ml*5 or 2000ml*4							
Controller		PID microcomputer				PID microcomputer							
Control Mode		Fixed value mode, static mode, multi-segment program control mode				Fixed value mode, static mode, multi-segment program control mode							
Display		Large high efinity LCD				Large high efinity LCD							
Timer (h)		0 ~ 9999 (or continuous operation)				0 ~ 9999h (or continuous operation)							
Refrigerant		/		R134a (CFC free)		/		R134a (CFC free)		/		R134a (CFC free)	
Defrosting Mode		/		Automatic		/		Automatic		/		Automatic	
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm				Self-diagnosis, visible & audible over temperaure, abnormal status alarm							
Electricity	Voltage/Frequency(V/Hz)	AC 220 / 110V, 50/ 60Hz				AC 220 / 110V, 50 / 60Hz							
	Consumption (W)	550		650		550		650		550		650	
N.W. / G.W. (kg)		75 / 105		90 / 120		75 / 95		9 / 120		75 / 105		90 / 120	
Package Dimension(W*D*H)(mm)		870*870*700		880*870*710		870*870*700		880*880*710		870*870*705		870*870*705	
Optional		Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination				Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination							

Shaking Incubator

ICB-S1102C ICB-S2102C ICB-S1102CD ICB-S2102CD
 ICB-S1102 ICB-S2102 ICB-S1102D ICB-S2102D
 ICB-S1112B ICB-S2112B ICB-SL1112F ICB-SL2112F



Key Features

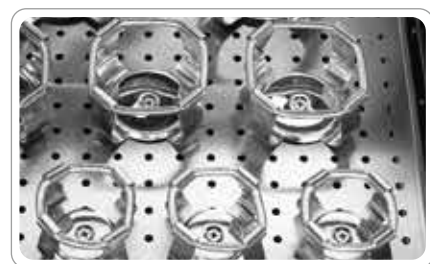


Internal circulation system

Silent fan design, forced air convection and unique air duct design ensure good temperature uniformity.

High efficiency and energy saving compressor, stable temperature control and low power consumption.

High efficiency and energy saving compressor, stable temperature control and low power consumption, with environmentally friendly refrigerant, CFC free.



Dedicated sheet metal processing

With ABS cabinet, mirror stainless steel lining and chamber components.

Intelligent control

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

Reservation timing switch function.

It has a multi-stage speed, temperature, and time control system, which allows a variety of different speed, temperature, and time experiment modes to be set once.



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.



Fault self-diagnosis function, auto-stop operation when door is opened and safety alarm.



The unique dynamic balance design ensures smooth operation, starts at ultra-low speed, and automatically locks when the speed is out of control.



Application

The oscillator (commonly known as a shaker) is one of the main equipment for microbial culture. Select special motor, temperature control, speed measurement main components are imported, widely used in biology, medicine, pharmaceutical food, environmental protection and agricultural scientific research.

Optional

Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination

Specifications



ICB-S1102C ICB-S1102CD ICB-S2102C ICB-S2102CD



ICB-S1102 ICB-S1112B ICB-S2102 ICB-S2112B ICB-S1102D ICB-SL1112F ICB-S2102D ICB-SL2112F

Model		ICB-S1102C		ICB-S2102C		ICB-S1102CD		ICB-S2102CD		ICB-S1102		ICB-S2102	
Capacity (L)		175		175		218		218		335		335	
Circulation		Forced convection				Forced convection							
Drive Mode		Multidimensional drive				Multidimensional drive							
Shake Mode		Convolution				Convolution							
Orbit Diameter (mm)		Φ 26				Φ 26							
Cyclotron Frequency	Range (rpm / min)	0 (to do static culture); 20 ~ 350				0 (to do static culture); 20 ~ 350							
	Resolution (rpm)	±1				±1							
Temperature	Range (℃)	RT+5 ~ 65		4 ~ 65 (RT.25)		RT+5 ~ 65		4~65 (RT.25)		RT+5 ~ 65		4 ~ 65 (RT.25)	
	Fluctuation (℃)	≤0.1 (37℃)				≤0.1 (37℃)							
	Resolution (℃)	± 0.1				± 0.1							
	Uniformity (℃)	±0.5 (37℃)				±0.5 (37℃)							
Dimension (W*D*H)	External (mm)	700*580*1280				700*710*1320				950*700*1280			
	Platform (mm)	500*360		500*360		485*485		485*485		710*455		710*455	
Flask Clamp	Max. capacity	100ml*60 or 250ml*38 or 500ml*22 or 1000ml*16				100ml*68 or 250ml*50 or 500ml*32 or 1000ml*18				100ml*100 or 250ml*56 or 500ml*44or 1000ml*24			
	Standard capacity	250ml*24				250ml*48				250ml*28 500ml*22			
Sticky Mat (Optional)	Max. capacity	100ml*60 or 250ml*36 or 500ml*24 or 1000ml*16				100ml*68 or 250ml*50 or 500ml*32 or 1000ml*18				100ml*120 or 250ml*70 or 500ml*44 or 1000ml*24			
Controller		PID microcomputer				PID microcomputer							
Control Mode		Fixed value mode, static mode, multi-segment program control mode				Fixed value mode, static mode, multi-segment program control mode							
Display		Large high efinition LCD				Large high efinition LCD							
Timer (h)		0 ~ 9999 (or continuous operation)				0 ~ 9999 (or continuous operation)							
Refrigerant		/		R134a (CFC free)		/		R134a (CFC free)		/		R134a (CFC free)	
Defrosting Mode		/		Automatic		/		Automatic		/		Automatic	
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm.				Self-diagnosis, visible & audible over temperaure, abnormal status alarm.							
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz				AC 220 / 110V, 50 / 60Hz							
	Consumption (W)	600		850		600		850		900		1150	
N.W. / G.W. (kg)		160 / 210		180 / 220		180 / 230		200 / 240		270 / 330		280 / 340	
Package Dimension (W*D*H) (mm)		825*720*1490		825*720*1490		850*840*1500		850*830*1480		1050*820*1490		1050*820*1490	
Optional		Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination				Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination							

Specifications



ICB-S1102 ICB-S2102 ICB-S1102D ICB-S2102D
ICB-S1112B ICB-S2112B ICB-SL1112F ICB-SL2112F



ICB-S1102 ICB-S2102 ICB-S1102D ICB-S2102D
ICB-S1112B ICB-S2112B ICB-SL1112F ICB-SL2112F

Model		ICB-S1102D		ICB-S2102D		ICB-S1112B		ICB-S2112B		ICB-SL1112F		ICB-SL2112F	
Capacity (L)		400		400		580		580		580		580	
Circulation		Forced convection				Forced convection							
Drive Mode		Multidimensional drive				Multidimensional drive				Track drive			
Shake Mode		Convolution				Convolution				Reciprocate			
Orbit Diameter (mm)		Φ 26				Φ 26				Φ 0 ~ 50			
Cyclotron Frequency	Range (rpm / min)	0 (to do static culture) ; 20 ~ 350				0 (to do static culture) ; 20 ~ 280				0 (to do static culture) ; 20 ~ 260			
	Resolution (rpm)	±1				±1							
Temperature	Range (℃)	RT+5 ~ 65		4 ~ 65 (RT.25)		RT+5 ~ 65		4 ~ 65 (RT.25)		RT+5 ~ 65		4 ~ 65 (RT.25)	
	Fluctuation (℃)	≤0.1 (37℃)				≤0.1 (37℃)							
	Resolution (℃)	± 0.1				± 0.1							
	Uniformity (℃)	±0.5 (37℃)				±0.5 (37℃)							
Dimension (W*D*H)	External (mm)	1020*700*1460				1200*800*1630							
	Platform (mm)	780*450		780*450		950*550		950*550		950*550		950*550	
Flask Clamp	Max. capacity	100ml*114 or 250ml*90 or 500ml*56 or 1000ml*30				100ml*140 or 250ml*90 or 500ml*72 or 1000ml*42							
	Standard capacity	250ml*39 500ml*23				250ml*45 500ml*36							
Sticky Mat (Optional)	Max. capacity	250ml*78 or 500ml*46 or 1000ml*30				250ml*112 or 500ml*76 or 1000ml*42							
Controller		PID microcomputer				PID microcomputer							
Control Mode		Fixed value mode, static mode, multi-segment program control mode				Fixed value mode, static mode, multi-segment program control mode							
Display		Large high efinition LCD				Large high efinition LCD							
Timer (h)		0 ~ 9999 (or continuous operation)				0 ~ 9999 (or continuous operation)							
Refrigerant		/		R134a (CFC free)		/		R134a (CFC free)		/		R134a (CFC free)	
Defrosting Mode		/		Automatic		/		Automatic		/		Automatic	
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm.				Self-diagnosis, visible & audible over temperaure, abnormal status alarm.							
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz				AC 220 / 110V, 50 / 60Hz							
	Consumption (W)	900		1150		1100		1400		1100		1400	
N.W. / G.W. (kg)		290 / 350		300 / 360		500 / 580		520 / 600		500 / 580		520 / 600	
Package Dimension(W*D*H)(mm)		1200*900*1600		1220*900*1660		1355*950*1795							
Optional		Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination				Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination							

Shaking Incubator

ICB-S111B ICB-S211B ICB-S111BD ICB-S211BD
ICB-S111C ICB-S211C ICB-SL111F ICB-SL211F



Key Features

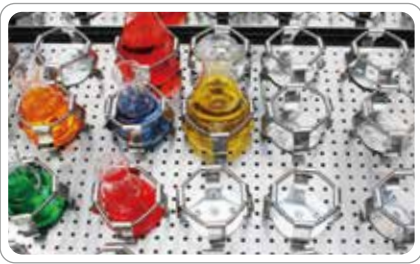
Intelligent control

Large high definition LCD display,with intelligent PID control, parameter real-time display.
Reservation timing switch function.
It has a multi-stage speed, temperature, and time control system, which allows a variety of different speed, temperature, and time experiment modes to be set once.



Internal circulation system

Silent fan design, forced air convection and unique air duct design ensure good temperature uniformity.
High efficiency and energy saving compressor, stable temperature control and low power consumption.
High efficiency and energy saving compressor, stable temperature control and low power consumption, with environmentally friendly refrigerant, CFC free.



Dedicated sheet metal processing

With ABS cabinet, mirror stainless steel lining and chamber components, inclined humanized control panel.



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 unique dynamic balance design ensures smooth operation, starts at ultra-low speed, and automatically locks when the speed is out of control.



Fault self-diagnosis function,auto-stop operation when door is opened(optional) and safety alarm.



Application

The oscillator (commonly known as a shaker) is one of the main equipment for microbial culture. Select special motor, temperature control, speed measurement main components are imported, widely used in biology, medicine, pharmaceutical food, environmental protection and agricultural scientific research.

Optional

Fixture、 7 inches touch screen (USB data storage)、
UV sterilization device、 Illumination



ICB-S111B
ICB-S111BD
ICB-S111C
ICB-SL111F

ICB-S211B
ICB-S211BD
ICB-S211C
ICB-SL211F



ICB-S111B
ICB-S111C

ICB-S211B
ICB-S211C

ICB-S111BD
ICB-SL111F

ICB-S211BD
ICB-SL211F

Specifications

Model		ICB-S111B		ICB-S211B		ICB-S111BD		ICB-S211BD		ICB-S111C		ICB-S211C		ICB-SL111F		ICB-SL211F	
Capacity(L)		203				220				296				203			
Circulation		Forced convection								Forced convection							
Drive Mode		Multidimensional drive								Multidimensional drive				Track drive			
Shake Mode		Convolution								Convolution				Reciprocate			
Orbit Diameter (mm)		Φ 26								Φ 26				Φ 0 ~ 50			
Cyclotron Frequency	Range (rpm / min)	0 (to do static culture); 20 ~ 350								0 (to do static culture) ; 20 ~ 350				0 (to do static culture); 20 ~ 260			
	Resolution (rpm)	±1								±1							
Temperature	Range (℃)	RT +5 ~ 65		4 ~ 65 (RT.25)		RT +5 ~ 65		4 ~ 65 (RT.25)		RT +5 ~ 65		4 ~ 65 (RT.25)		RT +5 ~ 65		4 ~ 65 (RT.25)	
	Fluctuation (℃)	≤0.1 (37℃)								≤0.1 (37℃)							
	Resolution (℃)	± 0.1								± 0.1							
	Uniformity (℃)	±0.5 (37℃)								±0.5 (37℃)							
Dimension (W*D*H)	External (mm)	1200*760*880								1200*760*1050				1200*760*880			
	Platform (mm)	920*500				920*540				920*500							
Flask Clamp	Max. capacity	100ml*66 or 250ml*45 or 500ml*28 or 1000ml*15 or 2000ml*11				100ml*72 or 250ml*67 or 500ml*42 or 1000ml*24 or 2000ml*15				250ml*45 or 500ml*28 or 1000ml*15 or 2000ml*11 or 3000ml*8 or 5000ml*6				100ml*66 or250ml*45 or 500ml*28 or 1000ml*15 or 2000ml*11			
	Standard capacity	500ml*28				500ml*38				2000ml*8				500ml*28			
Sticky Mat (Optional)	Max. capacity	100ml*77 or 250ml*48 or 500ml*32 or 1000ml*18 or 2000ml*14				250ml*67 or 500ml*38 or 1000ml*24 or 2000ml*15				250ml*48 or 500ml*32 or 1000ml*18 or 2000ml*14 or 3000ml*8 or 5000ml*6				100ml*77 or 250ml*48 or 500ml*32 or 1000ml*18 or 2000ml*14			
Controller		PID microcomputer								PID microcomputer							
Control Mode		Fixed value mode, static mode, multi-segment program control mode								Fixed value mode, static mode, multi-segment program control mode.							
Display		Large high efinition LCD								Large high efinition LCD							
Timer (h)		0 ~ 9999 (or continuous operation)								0 ~ 9999 (or continuous operation)							
Refrigerant		/		R134a (CFC free)		/		R134a (CFC free)		/		R134a (CFC free)		/		R134a (CFC free)	
Defrosting Mode		/		Automatic		/		Automatic		/		Automatic		/		Automatic	
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm.								Self-diagnosis, visible & audible over temperaure, abnormal status alarm							
Electricity	Voltage/Frequency	AC 220 / 110V, 50 / 60Hz								AC 220 / 110V, 50 / 60Hz							
	Consumption (W)	650		900		650		900		650		950		650		900	
N.W. / G.W. (kg)		170 / 250		190 / 260		170 / 250		190 / 260		180 / 260		200 / 270		170 / 250		190 / 260	
Package Dimension(W*D*H)(mm)		1332 *850 *1050								1350*860*1260				1332*850*1050			
Optional		Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination								Fixture、 7 inches touch screen (USB data storage)、 UV sterilization device、 Illumination							

Shaking Incubator

ICB-2S106 ICB-2S206 ICB-2S103
ICB-2S203 ICB-2S102 ICB-2S202



ICB-2S103 ICB-2S203 ICB-2S102 ICB-2S202

Key Features

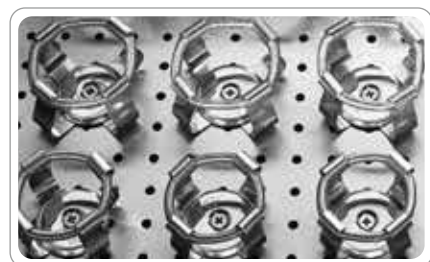


Internal circulation system

Silent fan design, forced air convection and unique air duct design ensure good temperature uniformity.

High efficiency and energy saving compressor, stable temperature control and low power consumption.

High efficiency and energy saving compressor, stable temperature control and low power consumption, with environmentally friendly refrigerant, CFC free.



Dedicated sheet metal processing

With ABS cabinet, mirror stainless steel lining and chamber components.

Intelligent control

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

It has a multi-stage speed, temperature, and time control system, which allows a variety of different speed, temperature, and time experiment modes to be set once.

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.

Built-in diversion waterproof system.

Built-in humidification pan.

Safety



With over temperature control of visible & audible alarm system.



Fault self-diagnosis function, auto-stop operation when door is opened and safety alarm.



Standard UV sterilization device (including air duct disinfection) and lighting.



The unique dynamic balance design ensures smooth operation, starts at ultra-low speed, and automatically locks when the speed is out of control.



Application

The oscillator (commonly known as a shaker) is one of the main equipment for microbial culture. Select special motor, temperature control, speed measurement main components are imported, widely used in biology, medicine, pharmaceutical food, environmental protection and agricultural scientific research.

Optional

Fixture、 7 inches touch screen (USB data storage)

Specifications



ICB-2S106
ICB-2S206



ICB-2S103 ICB-2S203
ICB-2S102 ICB-2S202

Model		ICB-2S106	ICB-2S206	ICB-2S103	ICB-2S203	ICB-2S102	ICB-2S202
Capacity (L)		164	164	180	180	306	306
Circulation		Forced convection	Forced convection				
Drive Mode		Multidimensional drive	Multidimensional drive				
Shake Mode		Convolution	Convolution				
Orbit Diameter (mm)		Φ 26	Φ 26				
Cyclotron	Range (rpm / min)	0 (to do static culture); 20 ~ 350 (top floor 20 ~ 300)	0 (to do static culture) ; 20~350 (top floor 20 ~ 300)				
Frequency	Resolution (rpm)	±1	±1				
Temperature	Range (℃)	RT +5 ~ 65	4 ~ 65 (RT.25)	RT +5 ~ 65	4 ~ 65 (RT.25)	RT +5 ~ 65	4 ~ 65 (RT.25)
	Fluctuation (℃)	≤0.1 (37℃)	≤0.1 (37℃)				
	Resolution (℃)	± 0.1	± 0.1				
	Uniformity (℃)	± 0.6 (37℃)	± 0.6 (37℃)				
Dimension (W*D*H)	External (mm)	890*760*650 (per unit)	870*755*650 (per unit)	1120*790*620 (per unit)		1360*830*620 (per unit)	
	Platform (mm)	475*465	475*465	610*460		830*510	
Flask Clamp	Max. capacity	250ml*25 or 500ml*16 or1L*9 or 2L*5 (3L*5 or 5L*4) (per unit)	250ml*25 or500ml*16 or 1L*9 or 2L*5 (per unit)	250ml*32 or 500ml*21 or 1L*13 or 2L*7 (per unit)		250ml*60 or 500ml*33 or 1L*20 or 2L*11 (per unit)	
	Standard capacity	500ml*16	500ml*16	500ml*20		500ml*33	
Sticky Mat (Optional)	Max. capacity	250ml*25 or500ml*16 or 1L*9 or 2L*5 (per unit) or3L*4or5L*2	250ml*25 or500ml*16 or 1L*9 or 2L*5(per unit)or3L*4 or5L*2	250ml*32 or 500ml*20 or 1L*12 or 2L*8 (per unit)		250ml*55 or 500ml*33 or1L*18 or 2L*15 (per unit)	
Controller		PID microcomputer	PID microcomputer				
Control Mode		Fixed value mode, static mode, multi-segment program control mode	Fixed value mode, static mode, multi-segment program control mode				
Display		Large high efinition LCD	Large high efinition LCD				
Timer (h)		0 ~ 9999 (or continuous operation)	0~9999 (or continuous operation)				
Refrigerant		/	R134a (CFC free)	/	R134a (CFC free)	/	R134a (CFC free)
Defrosting Mode		/	Automatic	/	Automatic	/	Automatic
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm	Self-diagnosis, visible & audible over temperaure, abnormal status alarm				
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz	AC 220 / 110V, 50 / 60Hz				
	Consumption (W)	550	650	1000	1200	1600	1800
N.W. / G.W. (kg)		140 / 160	150 / 190	190 / 220	190 / 230	200 / 230	210 / 240
Package Dimension(W*D*H)(mm)		930*1020*850 (per unit)	1070*920*860 (per unit)	1275*950*810 (per unit)		1520*990*830 (per unit)	
Optional		Fixture、 7 inches touch screen (USB data storage)	Fixture、 7 inches touch screen (USB data storage)				

Stackable Shaking Incubator

ICB-2S200



Key Features



Intelligent control

High efinition LCD display, temperature, time and speed are displayed on the same interface.



Dedicated sheet metal processing

The inner chamber is made of polished stainless steel, with strong corrosion resistance.



Internal circulation system

Imported compressor with cooling system, effectively extend the life of the compressor.

Unique slope design panel , better visual effect.

Brushless DC motor, more stable and reliable.

Humanized design



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

With large view window and built-in lighting for easy observation.

The most advanced large torque motor to ensure continuous work without maintenance.

Stackable up to three units for maximum space savings.

Independent control of temperature and shaking speed for each layer or separately run different layer according to needs



With over temperature control of visible& audible alarm system.

With operation data memory function to eliminate faulty operation.

Non-volatile memory saves settings during a power outage and automatically restarts the unit as originally programmed after power is restored.

With UV Sterilizer

Application

The oscillator (commonly known as a shaker) is one of the main equipment for microbial culture. Select special motor, temperature control, speed measurement main components are imported, widely used in biology, medicine, pharmaceutical food, environmental protection and agricultural scientific research.

Optional

Universal Tray Stainless steel flask clamp
(50ml,100ml,250ml,500ml,1000ml ,2000ml available)



Specifications

Model			ICB-2S200
Capacity (L)			245
Circulation			Forced convection
Shake Mode			Convolution
Orbit Diameter (mm)			Φ28
Cyclotron Frequency	Range (rpm/min)		60~280
	Resolution (rpm)		±1
Temperature	Range (℃)		4~60 (Ambient temperature :25℃)
	Resolution (℃)		±0.1 (Under constant temperature)
	Uniformity (℃)		±1
Dimension (W*D*H)	External (mm)		1320*850*630
	Internal(mm)		900*580*390 (single layer)
Flask Clamp	Max. Capacity		250ml*36 or 500ml*24 or 1000ml*15 or 2000ml*8
	Standard Capacity		500ml*24 (single layer)
Controller			PID Microcomputer
Control Mode			Fixed value mode , static mode
Display			Touch Screen
Timer			0~999(h)
Refrigerant			R134a (CFC free)
Defrosting Mode			Automatic
Safety Device			Self-diagnosis ; visible& audible over temperaure ,abnormal status alarm , leakage protector
Electricity	Voltage / Frequency		AC220V±10%, 50~60HZ
	Consumption (W)		2700
N.W. / G.W. (kg)			220/277
Package Dimension(W*D*H)(mm)			1520*1050*930
Optional			Universal Tray ;Stainless steel flask clamp (50ml,100ml,250ml,500ml,1000ml, 2000ml available)

Shaking Incubator

ICB-CO2-2S202 ICB-CO2-2S203 ICB-CO2-2S206



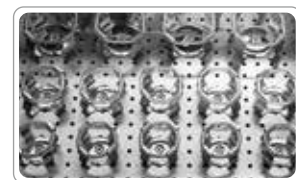
Key Features



Cooling system

High efficiency and energy saving compressor, stable temperature control and low power consumption.

High efficiency and energy saving compressor, stable temperature control and low power consumption, with environmentally friendly refrigerant, CFC free.



Dedicated sheet metal processing

With ABS cabinet, mirror stainless steel lining and chamber components.

Intelligent control

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

Automatic locking and alarm for speed deviation, and alarm for temperature deviation.

Reservation timing switch function.

It has a multi-stage speed, temperature, and time control system.

Using original imported infrared sensor, automatic control of CO₂ concentration, sensitive response and high precision.

Close the door and restart the device after opening the door for 30 seconds, the temperature recovery time is ≤6min (37°C), and the CO₂ concentration recovery time is ≤6min (5%).



Humanized design

With a USB data recording system.

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.

Built-in diversion waterproof system.

Built-in humidification pan (Except ICB-CO2-2S206).

Safety



With over temperature control of visible & audible alarm system.



Standard UV sterilization device (including air duct disinfection) and lighting.



Fault self-diagnosis function, auto-stop operation when door is opened and safety alarm.



The unique dynamic balance design ensures smooth operation, starts at ultra-low speed, and automatically locks when the speed is out of control.



Application

This product is used for the cultivation of cells, tissue culture and some special microorganisms; or it is necessary to control the experimental temperature and apply a cyclotron motion to the experimental solution.

Optional

Various flask clamps, universal spring tray.

Specifications



Model		ICB-CO2-2S202	ICB-CO2-2S203	ICB-CO2-2S206
Capacity (L)		310	184	164
Circulation		Forced convection	Forced convection	
Drive Mode		Multidimensional drive	Multidimensional drive	
Shake Mode		Convolution	Convolution	
Orbit Diameter (mm)		Φ 50 (Φ 26, Φ 35 can be customized)	Φ 50 (Φ 26, Φ 35 can be customized)	
Cyclotron	Range (rpm / min)	0 (to do static culture) ; 20 ~ 300	0 (to do static culture); 20 ~ 300	
Frequency	Resolution (rpm)	±1	±1	
CO ₂	Range	0 ~ 20.0%	0 ~ 20.0%	
	Fluctuation	± 0.1% (concentration: 5%)	± 0.1% (concentration: 5%)	
Temperature	Range (℃)	4 ~ 65 (20℃)	4 ~ 65 (20℃)	
	Fluctuation (℃)	≤0.1 (37℃)	≤0.1 (37℃)	
	Resolution (℃)	± 0.1	± 0.1	
	Uniformity (℃)	± 0.6 (37℃)	± 0.6 (37℃)	
Dimension (W*D*H)	External (mm)	1420*820*630 (per unit)	1120*790*620 (per unit)	890*760*650 (per unit)
	Platform (mm)	905*505	600*450	475*465
Flask Clamp	Max. capacity	250ml*53 or 500ml*35 or 1000ml*20 or 2000ml*11 (per unit)	250ml*32 or 500ml*20 or 1000ml*12 or 2000ml*7 (per unit)	250ml*25 or 500ml*16 or 1000ml*9 or 2000ml*5 (per unit)
	Standard capacity	500ml*33	500ml*20	500ml*16
Sticky Mat (Optional)	Max. capacity	250ml*46 or 500ml*33 or 1000ml*18 or 2000ml*11 (per unit)	250ml*30 or 500ml*18 or 1000ml*12 or 2000ml*6 (per unit)	250ml*25 or 500ml*16 or 1000ml*9 or 2000ml*5 (per unit)
Controller		PID microcomputer	PID microcomputer	
Control Mode		Fixed value mode, static mode, multi-segment program control mode	Fixed value mode, static mode, multi-segment program control mode	
Display		7 inches touch screen	7 inches touch screen	
Timer (h)		0 ~ 999.9 (or continuous operation)	0 ~ 999.9 (or continuous operation)	
Refrigerant		R134a (CFC free)	R134a (CFC free)	
Defrosting Mode		Automatic	Automatic	
Safety Device		Self-diagnosis, visible & audible over temperaure, abnormal status alarm	Self-diagnosis, visible & audible over temperaure, abnormal status alarm	
Electricity	Voltage / Frequency (V / Hz)	AC 220 / 110V, 50 / 60Hz	AC 220 / 110V, 50 / 60Hz	
	Consumption (W)	1800	1200	650
N.W. / G.W. (kg)		260 / 296	200 / 250	170 / 200
Package Dimension(W*D*H)(mm)		1580*990*830 (per unit)	1275*950*810 (per unit)	1020*930*850 (per unit)
Optional		Various flask clamps, universal spring tray.	Various flask clamps, universal spring tray.	