

# COOLED INCUBATOR



# COOLED INCUBATOR

Cooled Incubators are suitable for a wide range of applications. These incubators offer precise, repeatable control of programmable temperatures and lighting patterns, which are essential to biological research and environmental studies.

Used in Germination experiments, Biochemical analysis, Cold storage purposes, Incubation, drying, Low temperature applications..

Also known as Refrigerated Incubator, Laboratory Cooled Incubator.

## INC064 COOLED INCUBATOR

With casters, flexible and convenient to move

With reservation and timing functions, there is no need to wait, which effectively improves the efficiency of the experiment

Available in Chinese and English menus to meet different language needs, with °C / °F conversion

Protection on instruments: Comply international standard secondary temp limiting alarm system. When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident

Protection on key components: Key components are equipped with over-current, over-temperature, overload and other safety protection to prevent accident

Protection on samples: When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident

Protection on operator: The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents

Breakdown message provided: When the instrument breakdown, the message will shown on the screen to help operator clearly check

The touch screen type standard with a USB interface, which can record the change status of the temperature parameters. The LCD screen is option for USB interface

It can be equipped with RS232 data interface, which can realize remote control of the machine through software

RS-232 and USB can be selected one of them



## SPECIFICATIONS

Model	INC064-068A	INC064-068B	INC064-120A	INC064-120B
Capacity	68 L		120 L	
Temperature Range	- 10 - 80°C			
Display Resolution	0.1°C			
Uniformity	±1.0°C			
Timer Range	1 - 5999 mins			
Max number of shelves	2 (10)		3 (14)	
Max load per shelf	20 Kg			
NW	85 Kg		100 Kg	
Internal Dimension	400Wx380Dx450H mm		500Wx400Dx600H mm	
Exterior Dimension	545Wx670Dx1000H mm		645Wx690Dx1150H mm	
Electrical Requirement	AC 220 V / 50 Hz			

Power Consumption	1300 W		1500 W	
UV lamp	Option	Standard	Option	Standard

Model	INC064-252A	INC064-252B	INC064-495A	INC064-495B
Capacity	252 L		495 L	
Temperature Range	- 10 - 80°C			
Display Resolution	0.1°C			
Uniformity	±1.0°C			
Timer Range	1 - 5999 mins			
Max number of shelves	3 (16)		4 (16)	
Max load per shelf	20 Kg			
NW	120 Kg		220 Kg	
Internal Dimension	550Wx600Dx750H mm		670Wx725Dx1020H mm	
Exterior Dimension	695Wx890Dx1300H mm		850Wx1095Dx1935H mm	
Electrical Requirement	AC 220 V / 50 Hz			
Power Consumption	1700 W		2250 W	
UV lamp	Option	Standard	Option	Standard

Model	INC064-752A	INC064-752B
Capacity	752 L	
Temperature Range	- 10 - 80°C	
Display Resolution	0.1°C	
Uniformity	±1.0°C	
Timer Range	1 - 5999 mins	
Max number of shelves	4 (20)	
Max load per shelf	20 Kg	
NW	250 Kg	
Internal Dimension	700Wx860Dx1250H mm	
Exterior Dimension	950Wx1225Dx2000H mm	
Electrical Requirement	AC 220 V / 50 Hz	
Power Consumption	2800 W	
UV lamp	Option	Standard



INC064-068A



INC064-068B



INC064-120A



INC064-120B



INC064-252A



INC064-252B



INC064-495A



INC064-495B



INC064-752A



INC064-752B

## INC065 COOLED INCUBATOR

With casters, flexible and convenient to move

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Protection on instruments: Comply international standard secondary temp limiting alarm system. When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident

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Protection on samples: When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident

Protection on operator: The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents

Breakdown message provided: When the instrument breakdown, the message will shown on the screen to help operator clearly check

The touch screen type standard with a USB interface, which can record the change status of the temperature parameters. The LCD screen is option for USB interface

It can be equipped with RS232 data interface, which can realize remote control of the machine through software

RS-232 and USB can be selected one of them



## SPECIFICATIONS

Model	INC065-068A	INC065-068B	INC065-120A	INC065-120B
Capacity	68 L		120 L	
Temperature Range	- 10 - 80°C			
Display Resolution	0.1°C			

Uniformity	±1.0°C			
Timer Range	1 - 5999 mins			
Max number of shelves	2 (10)		3 (14)	
Max load per shelf	20 Kg			
NW	85 Kg		100 Kg	
Internal Dimension	400Wx380Dx450H mm		500Wx400Dx600H mm	
Exterior Dimension	545Wx670Dx1000H mm		645Wx690Dx1150H mm	
Electrical Requirement	AC 220 V / 50 Hz			
Power Consumption	1300 W		1500 W	
UV lamp	Option	Standard	Option	Standard

Model	INC065-252A	INC065-252B	INC065-495A	INC065-495B
Capacity	252 L		495 L	
Temperature Range	- 10 - 80°C			
Display Resolution	0.1°C			
Uniformity	±1.0°C			
Timer Range	1 - 5999 mins			
Max number of shelves	3 (16)		4 (16)	
Max load per shelf	20 Kg			
NW	120 Kg		220 Kg	
Internal Dimension	550Wx600Dx750H mm		670Wx725Dx1020H mm	
Exterior Dimension	695Wx890Dx1300H mm		850Wx1095Dx1935H mm	
Electrical Requirement	AC 220 V / 50 Hz			
Power Consumption	1700 W		2250 W	
UV lamp	Option	Standard	Option	Standard

Model	INC065-752A	INC065-752B
Capacity	752 L	
Temperature Range	- 10 - 80°C	
Display Resolution	0.1°C	
Uniformity	$\pm 1.0^{\circ}\text{C}$	
Timer Range	1 - 5999 mins	
Max number of shelves	4 (20)	
Max load per shelf	20 Kg	
NW	250 Kg	
Internal Dimension	700Wx860Dx1250H mm	
Exterior Dimension	700Wx860Dx1250H mm	
Electrical Requirement	AC 220 V / 50 Hz	
Power Consumption	2800 W	
UV lamp	Option	Standard



INC065-068A



INC065-252A

INC065-068B



INC065-252B

INC065-120A



INC065-495A

INC065-120B



INC065-495B



INC065-752A



INC065-752B

## INC083 COOLED INCUBATOR

304 stainless steel, mirror polishing processing, easy to clean and maintain

PID controller with over temperature alarm and timing function ensures precise and reliable control, also guarantee an excellent control by microprocessor and the limited number of setting keys ensures an extremely simple and intuitive operability

The inner lamp for observation of the samples is standard supplied

3 fan speed meets all requirements of different experiments

Famous brand compressor with refrigerant R134a



## SPECIFICATIONS

Model	INC083-0070A	INC083-0070B	INC083-0150A	INC083-0150B
Capacity	70 L		150 L	
Temperature Range	0 - 60°C			
Display Resolution	0.1°C			
Temperature Stability	HIGH ±0.5°C LOW±1.0°C			
Temperature Uniformity	±1.5°C			
Electrical Requirement	220 V 50 Hz			
Ambient Temperature	+5°C - 30°C			
Power Consumption	450 W		500 W	
Interior Dimension	400Wx350Dx500H mm		503Wx470Dx808H mm	
Exterior Dimension	530Wx560Dx1080H mm		600Wx630Dx1360H mm	
Shelves	2 pcs		3 pcs	

Timing Range	0~5999 min			
Display	-	LCD	-	LCD

Model	INC083-0248A	INC083-0248B	INC083-0492	INC083-0778
Capacity	248 L		492 L	778 L
Temperature Range	0 - 60°C			
Display Resolution	0.1°C			
Temperature Stability	HIGH ±0.5°C LOW±1.0°C			
Temperature Uniformity	±1.5°C		±2.5°C	
Electrical Requirement	220 V 50 Hz			
Ambient Temperature	+5°C - 30°C			
Power Consumption	600 W		2100 W	4100 W
Interior Dimension	540Wx460Dx1000H mm		670Wx720Dx1020H mm	800Wx590Dx1650H mm
Exterior Dimension	637Wx662Dx1590H mm		850Wx1100Dx1930H mm	1475Wx890Dx1780H mm
Shelves	3 pcs			
Timing Range	0~5999 min			
Display	-	LCD		

Model	INC083-1000	INC083-1500
Capacity	1000 L	1500 L
Temperature Range	0 - 60°C	
Display Resolution	0.1°C	
Temperature Stability	HIGH $\pm 0.5^{\circ}\text{C}$ LOW $\pm 1.0^{\circ}\text{C}$	
Temperature Uniformity	$\pm 2.5^{\circ}\text{C}$	
Electrical Requirement	220 V 50 Hz	380 V 50 Hz
Ambient Temperature	+5°C - 30°C	
Power Consumption	4100 W	5000 W
Interior Dimension	1050Wx590Dx1650H mm	105Wx590Dx1650H mm
Exterior Dimension	1410Wx890Dx1950H mm	2110Wx890Dx2050H mm
Shelves	3 pcs	
Timing Range	0~5999 min	
Display	LCD	



INC083-0070A



INC083-0070B



INC083-0150A



INC083-0150B



INC083-0248A



INC083-0248B



INC083-0492



INC083-0778



INC083-1000



INC083-1500

## INC084 COOLED INCUBATOR

Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable

Latest PID LCD Programmable controller: 7 periods 63 steps, 0 to 5999mins for each periods, fan speed 0 to 100% adjustable

Independent temperature-limiting alarm system ensures experiments run safely

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement

Using environmentally friendly R134a refrigerant, fast cooling speed, saving energy and protecting environment. Auto-controller of fan speed to prevent damage to the samples

Shaker can be put inside BEING incubator to function as shaking incubator

Printer connector and RS485 connector are options which can connect printer and computer to record the parameters and the variations of temperature

## SPECIFICATIONS

Model	INC084-070	INC084-150	INC084-250	INC084-495
Capacity	70 L	150 L	250 L	495 L
Controller	LCD Programmable controller			
Temperature Range	-5 - 70°C			
Display Resolution	0.1°C			
Temperature Stability	HIGH ±0.3°C LOW±0.5°C			
Temperature Uniformity	±1.5°C (at 25°C)			
Electrical Requirement	220 V 50 Hz			
Ambient Temperature	+5 - 35°C			
Power consumption	650 W	850 W	1300 W	2250 W
Interior Dimension	400Wx440Dx500H mm	500Wx460Dx800H mm	520Wx550Dx1050H mm	670Wx725Dx1020H mm
Shelves	2 pcs	3 pcs		
Timing Range	1~5999 min			



# INC085 COOLED INCUBATOR

Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable

Latest PID controller

R134a refrigerant, imported compressor

Independent temperature-limiting alarm system ensures experiments run safely

Printer connector and RS485 connector are options which can connect printer and computer to record the parameters and the variations of temperature

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement



## SPECIFICATIONS

Model	INC085-050	INC085-100	INC085-150
Capacity	50 L	100 L	150 L
Temperature Range	-10°C - 65°C		
Display Resolution	0.1°C		
Temperature Stability	HIGH ±0.5°C LOW±1.0°C		
Electrical Requirement	220 V 50 Hz		
Ambient Temperature	+5°C - 35°C		
Power Consumption	1100 W		1300 W
Interior Dimension	400Wx300Dx420H mm	500Wx400Dx600H mm	550Wx405Dx670H mm
Exterior Dimension	660Wx720Dx930H mm	650Wx770Dx1320H mm	690Wx800Dx1410H mm
Shelves	2 pcs	3 pcs	
Timing Range	0~9999 min		

Model	INC085-250	INC085-500
Capacity	250 L	500 L
Temperature Range	-10°C - 65°C	
Display Resolution	0.1°C	
Temperature Stability	HIGH $\pm 0.5^{\circ}\text{C}$ LOW $\pm 1.0^{\circ}\text{C}$	
Electrical Requirement	220 V 50 Hz	
Ambient Temperature	+5°C - 35°C	
Power Consumption	1500 W	2250 W
Interior Dimension	600Wx500Dx830H mm	670Wx720Dx1020H mm
Exterior Dimension	740Wx900Dx1580H mm	850Wx1100Dx1930H mm
Shelves	3 pcs	
Timing Range	0~9999 min	



INC085-050



INC085-100



INC085-150



INC085-250



INC085-500

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