

GENERAL PURPOSE INCUBATOR



GENERAL PURPOSE INCUBATOR

General Purpose Incubator are designed to accommodate an ample range of laboratory applications and lends a contamination-free environment for cell and tissue cultures. These incubators serve the purpose for most biological analysis, research, general laboratory applications, biochemical studies, bacteriology, and hematological studies. Used in Quality Control, Medicine Processing Industries, Research, Pharmaceuticals, Microbial Culturing. Also known as Lab Incubator, Laboratory General Purpose Incubator.

INC81 GENERAL PURPOSE INCUBATOR

LCD PID control system

International brand cooling fan

Stainless steel chamber

Cavity preheating technology and duct cycling system



SPECIFICATIONS

Model	INC81-050	INC81-080	INC81-160
Capacity	50 L	80 L	160 L
Temperature Range	RT +5 ~ 65°C		
Temperature Accuracy	±0.1°C		
Temperature Fluctuation	±0.5%		
Internal Dimension	380Wx380Dx350H mm	480Wx480Dx350H mm	600Wx600Dx450H mm
Exterior Dimension	580Wx530Dx600H mm	680Wx630Dx600H mm	800Wx750Dx700H mm
Shelves	2		
Weight	31 kg	42 kg	57 kg
Power Supply	220 V 50 Hz		



INC81-050



INC81-080



INC81-160

INC82 GENERAL PURPOSE INCUBATOR

- Balance Refrigeration
- Adopt without fluorine R134a refrigerant technology
- Duct circulation
- Stainless steel inner
- Programmable intelligent PID control
- Usd large capacity humidifier
- Double door design
- Lighting device
- With UV lamp



SPECIFICATIONS

Model	INC82-100	INC82-150	INC82-250
Capacity	100 L	150 L	250 L
Temperature Range	0-60°C		
Temperature Accuracy	±0.1°C		
Temperature Fluctuation	±1%		
Humidity Range	50%-90 %		
Humidity Fluctuation	±5%		
Timer Range	0-999 min		
Internal Dimension	450Wx380Dx580H mm	500Wx380Dx800H mm	550Wx450Dx1000H mm
Exterior Dimension	590Wx620Dx1100H mm	640Wx660Dx1350H mm	690Wx660Dx1550H mm
Package Size	670x700x1220 mm	720x740x1470 mm	770x740x1670 mm
Weight	93/100 kg	105/115 kg	133/145 kg
Power	400 W	600 W	800 W
Power Supply	220 V		



INC82-100



INC82-150



INC82-250

INC83 THERMOSTATIC HEATING INCUBATOR

ALLHEAT Cavity Warm-up Technology: Uniform distribution of heat, low energy consumption, heat not easily lost, low cost

ALLFLOW Perfect Air Current Cycling: Perfect forced convection, maximum number of working room, minimum temperature recovery time after the opening, world famous axial fan, perfect air current design.

ALLSENS Programmable PID Control: Adaptive PID controller precisely controls the temperature and humidity, prevent temperature soaring, keep working room temperature stable and uniformity.

Pro-Insulation Insulation Technology: Good silicon door seal, isolation type hinge design, buckle door handles, sealability

Excellent Imported temperature and humidity Sensor.

Efficient isolation Design



SPECIFICATIONS

Model	INC83-040	INC83-070	INC83-130
Capacity	40 L	70 L	130 L
Temperature Range	RT +3°C ~ 65°C		
Ambient Temperature	10~30°C		
Temperature Accuracy	0.1°C		
Temperature Fluctuation	≤±0.5°C (3~50°C)		
Temperature Uniformity	±1°C (3~50°C)		
Ambient Humidity	<70%		
Interior	SUS304 Stainless Steel Materials		
Timer Range	0-99 hrs, 0-9999 min, can be chose		
Convection Mode	Forced Convection		
Internal Dimension	350Wx350Dx350H mm	450Wx350Dx450H mm	550Wx450Dx550H mm
Exterior Dimension	580Wx593Dx570H mm	680Wx593Dx670H mm	780Wx693Dx770H mm
Package Size	660x680x690 mm	760x680x790 mm	860x780x890 mm
Shelves/Trays	2 standard		
Weight	40/43 kg	48/51 kg	65/69 kg
Power	420 W	520 W	670 W
Power Supply	Single phase AC220 V/50 Hz		



INC83-040



INC83-070



INC83-130

INC84 GENERAL PURPOSE INCUBATOR

ALLCOLD Refrigeration Technology: Auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving, Auto-defrost function, Imported DuPont SUVA R134 a environmental refrigerant.

ALLIGENT Humidification System: Automatic water intake, automatic water level control, persistent

ALLFLOW Perfect Air Current Cycling: Perfect forced convection, maximum number of working room, minimum temperature recovery time after the opening, world famous axial fan, perfect air current design.

ALLSENS Programmable PID Control: Adaptive PID controller precisely controls the temperature and humidity, prevent temperature soaring, keep working room temperature stable and uniformity.

Excellent Imported temperature and humidity Sensor.

Efficient isolation Design



SPECIFICATIONS

Model	INC84-150	INC84-250	INC84-400
Capacity	150 L	250 L	400 L
Temperature Range	0-65°C		
Ambient Temperature	10~30°C		
Temperature Fluctuation	±0.5 at 10-40°C		
Temperature Uniformity	±1		±1.5
Temperature Resolution	0.1°C		
Relative Humidity	Below 70%		
Sterilization Function	No		
Humidity Range	40-95 %RH		
Humidity Fluctuation	±2 RH		
Interior	SUS304 Stainless Steel Materials		
Heat insulator material	Imported environmental protection material		
Timer Range	0-99 hrs, 0-9999 min		
Convection Mode	Forced Convection		
Internal Dimension	508Wx389Dx757H mm	508Wx449Dx1088H mm	601Wx639Dx1052H mm
Exterior Dimension	650Wx680Dx1410H mm	650Wx740Dx1730H mm	745Wx930Dx1700H mm
Package Size	760x830x1605 mm	760x890x1935 mm	815x1090x1907 mm
Shelves/Trays	3	4	
Weight	107.5/133 kg	136/162.5 kg	158.5/188 kg
Power	1080 W	1100 W	1350 W
Power Supply	Single phase AC220 V/50 Hz		



INC84-150



INC84-250



INC84-400

INC066 GENERAL PURPOSE INCUBATOR

Adopting direct heating system, the heating speed is fast and the control precision is high

PID control technology, high control precision and small temperature fluctuation

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

The height of the shelf is adjustable to meet different cultivation needs

Professional stacking foot design, the machine can be stacked, saving lab space and improving the use efficiency

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

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



SPECIFICATIONS

Model	INC066-034	INC066-054	INC066-124	INC066-222
Capacity	34 L	54 L	124 L	222 L
Temperature Range	RT +5 - 80°C			
Stability	±0.2°C			
Uniformity (at 37°C)	±0.8°C			
Display Resolution	0.1°C			
Max number of shelves	2 (5)	2 (6)	2 (10)	2 (16)
Max load per shelf	20 Kg			
NW	44 Kg	53 kg	79 Kg	108 Kg
Timer Range	1 - 5999 mins			
Internal Dimension	320Wx340Dx320H mm	400Wx360Dx415H mm	520Wx480Dx490H mm	650Wx540Dx650H mm
Exterior Dimension	610Wx520Dx580H mm	690Wx468Dx640H mm	810Wx588Dx755H mm	940Wx658Dx910H mm
Electrical Requirement	AC 220 V / 50 Hz			
Power Consumption	250 W	300 W	550 W	700 W



INC066-034



INC066-054



INC066-124



INC066-222

INC067 GENERAL PURPOSE INCUBATOR

Adopting direct heating system, the heating speed is fast and the control precision is high

PID control technology, high control precision and small temperature fluctuation

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

The height of the shelf is adjustable to meet different cultivation needs

Professional stacking foot design, the machine can be stacked, saving lab space and improving the use efficiency

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

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



SPECIFICATIONS

Model	INC067-034	INC067-054	INC067-124	INC067-222
Capacity	34 L	54 L	124 L	222 L
Temperature Range	RT +5 - 80°C			
Stability	±0.2°C			
Uniformity (at 37°C)	±0.8°C			
Display Resolution	0.1°C			
Max number of shelves	2 (5)	2 (6)	2 (10)	2 (16)
Max load per shelf	20 Kg			
NW	44 Kg	53 kg	79 Kg	108 Kg
Timer Range	1 - 5999 mins			

Internal Dimension	320Wx340Dx320H mm	400Wx360Dx415H mm	520Wx480Dx490H mm	650Wx540Dx650H mm
Exterior Dimension	610Wx520Dx580H mm	690Wx468Dx640H mm	810Wx588Dx755H mm	940Wx658Dx910H mm
Electrical Requirement	AC 220 V / 50 Hz			
Power Consumption	250 W	300 W	550 W	700 W



INC067-034



INC067-054



INC067-124



INC067-222

INC068 GENERAL PURPOSE INCUBATOR

Adopting direct heating system, the heating speed is fast and the control precision is high

PID control technology, high control precision and small temperature fluctuation

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

The height of the shelf is adjustable to meet different cultivation needs

Professional stacking foot design, the machine can be stacked, saving lab space and improving the use efficiency

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

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



SPECIFICATIONS

Model	INC068-035	INC068-067	INC068-146
Capacity	35 L	67 L	146 L
Temperature Range	RT +5 - 80°C		
Stability	±0.2°C		
Uniformity (at 37°C)	±0.8°C		

Display Resolution	0.1°C		
Max number of shelves	2 (5)	2 (9)	2 (12)
Max load per shelf	20 Kg		
NW	48 Kg	56 Kg	82 Kg
Timer Range	1 - 5999 mins		
Internal Dimension	320Wx390Dx320H mm	400Wx395Dx415H mm	520Wx510Dx530H mm
Exterior Dimension	610Wx550Dx545H mm	690Wx560Dx640H mm	810Wx685Dx755H mm
Electrical Requirement	AC 220 V / 50 Hz		
Power Consumption	300 W	350 W	600 W

Model	INC068-253	INC068-420
Capacity	253 L	420 L
Temperature Range	RT +5 - 80°C	
Stability	±0.2°C	
Uniformity (at 37°C)	±0.8°C	
Display Resolution	0.1°C	
Max number of shelves	2 (16)	2 (23)
Max load per shelf	20 Kg	
NW	119 Kg	160 Kg
Timer Range	1 - 5999 mins	
Internal Dimension	650Wx600Dx650H mm	1000Wx530Dx800H mm
Exterior Dimension	940Wx755Dx875H mm	1285Wx750Dx980H mm
Electrical Requirement	AC 220 V / 50 Hz	
Power Consumption	700 W	1000 W



INC068-035



INC068-067



INC068-146



INC068-253



INC068-420

INC069 GENERAL PURPOSE INCUBATOR

Adopting direct heating system, the heating speed is fast and the control precision is high

PID control technology, high control precision and small temperature fluctuation

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

The height of the shelf is adjustable to meet different cultivation needs

Professional stacking foot design, the machine can be stacked, saving lab space and improving the use efficiency

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

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



SPECIFICATIONS

Model	INC069-035	INC069-067	INC069-146
Capacity	35 L	67 L	146 L
Temperature Range	RT +5 - 80°C		
Stability	±0.2°C		
Uniformity (at 37°C)	±0.8°C		
Display Resolution	0.1°C		
Max number of shelves	2 (5)	2 (9)	2 (12)
Max load per shelf	20 Kg		
NW	48 Kg	56 Kg	82 Kg
Timer Range	1 - 5999 mins		
Internal Dimension	320Wx390Dx320H mm	400Wx395Dx415H mm	520Wx510Dx530H mm
Exterior Dimension	610Wx550Dx545H mm	690Wx560Dx640H mm	810Wx685Dx755H mm
Electrical Requirement	AC 220 V / 50 Hz		
Power Consumption	300 W	350 W	600 W

Model	INC069-253	INC069-420
Capacity	253 L	420 L
Temperature Range	RT +5 - 80°C	
Stability	±0.2°C	

Uniformity (at 37°C)	±0.8°C	
Display Resolution	0.1°C	
Max number of shelves	2 (16)	2 (23)
Max load per shelf	20 Kg	
NW	119 Kg	160 Kg
Timer Range	1 - 5999 mins	
Internal Dimension	650Wx600Dx650H mm	1000Wx530Dx800H mm
Exterior Dimension	940Wx755Dx875H mm	1285Wx750Dx980H mm
Electrical Requirement	AC 220 V / 50 Hz	
Power Consumption	700 W	1000 W



INC069-035



INC069-067



INC069-146



INC069-253



INC069-420

INC073 GENERAL PURPOSE 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

Air circulation system with specific air flow channel ensures a good temperature uniformity performance

Silicon door gasket with long lifetime, and easy to change

A damper adjustment in the front ensures the gas convection enough in working chamber



SPECIFICATIONS

Model	INC073-016	INC073-030	INC073-050	INC073-080
Capacity	16 L	30 L	50 L	80 L
Electrical requirement	220 V 50 Hz			

Temperature Range	RT +10 - 300°C			
Display Resolution	0.1°C			
Temperature Stability	±1°C			
Temperature Uniformity	±3% (at 100°C)			
Ambient Temperature	+5 - 40°C			
Power Consumption	850 W		1100 W	1550 W
Internal Dimension	250Wx260Dx250H mm	340Wx320Dx320H mm	420Wx395Dx350H mm	450Wx400Dx450H mm
External Dimension	530Wx370Dx420H mm	620Wx440Dx490H mm	720Wx530Dx520H mm	740Wx530Dx630H mm
Shelves	2 pcs			
Timing Range	0~9999 min			

Model	INC073-136	INC073-220	INC073-420	INC073-620
Capacity	136 L	220 L	420 L	620 L
Electrical requirement	220 V 50 Hz		380 V 50 Hz	
Temperature Range	RT +10 - 300°C			
Display Resolution	0.1°C			
Temperature Stability	±1°C			
Temperature Uniformity	±3% (at 100°C)			
Ambient Temperature	+5 - 40°C			
Power Consumption	2050 W	2450 W	3100 W	4000 W
Internal Dimension	550Wx450Dx550H mm	600Wx500Dx750H mm	640Wx585Dx1355H mm	840Wx600Dx1355H mm
External Dimension	840Wx580Dx730H mm	880Wx630Dx930H mm	780Wx730Dx1780H mm	980Wx800Dx1880H mm
Shelves	2 pcs		3 pcs	4 pcs
Timing Range	0~9999 min			



INC073-016



INC073-030



INC073-050



INC073-080



INC073-136



INC073-220



INC073-420



INC073-620

INC080 GENERAL PURPOSE INCUBATOR

Microprocessor controller (with timing function)

With inner glass door for easy observation

Polished stainless-steel chamber

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



SPECIFICATIONS

Model	INC080-016	INC080-035	INC080-050
Capacity	16 L	35 L	50 L
Electrical requirement	220 V 50 Hz		
Temperature Range	RT+5 - 65°C		
Display Resolution	0.1°C/±0.5°C		
Ambient Temperature	+5 - 3°C		
Temperature Uniformity	±1.5°C (at 37°C)		
Power Consumption	200 W		300 W
Interior Dimension	250Wx260Dx250H mm	340Wx320Dx320H mm	415Wx360Dx355H mm
Exterior Dimension	530Wx480Dx420H mm	620Wx490Dx490H mm	690Wx500Dx500H mm
Shelves	2 pcs		
Timing Range	0~5999 min		
Remark	With observation window and without inner glass door		

Model	INC080-080	INC080-160	INC080-270
Capacity	80 L	160 L	270 L
Electrical requirement	220 V 50 Hz		
Temperature Range	RT+5 - 65°C		
Display Resolution	0.1°C/±0.5°C		
Ambient Temperature	+5 - 3°C		
Temperature Uniformity	±1.5°C (at 37°C)		
Power Consumption	400 W	600 W	750 W
Interior Dimension	500Wx400Dx400H mm	500Wx500Dx650H mm	600Wx600Dx750H mm
Exterior Dimension	780Wx530Dx560H mm	790Wx630Dx810H mm	890Wx740Dx910H mm
Shelves	2 pcs		
Timing Range	0~5999 min		
Remark	With observation window and without inner glass door		



INC080-016



INC080-035



INC080-050



INC080-080



INC080-160



INC080-270

INC081 GENERAL PURPOSE INCUBATOR

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

Auto-controller of fan speed to prevent damage to the samples

Large LCD screen to display more data at same time

Self-check function easy to identify problems

Over temperature and temperature difference alarms

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

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

Independent audible and visible temperature-limiting alarm system ensures experiments run safely

RS485 connector can connect computer and printer to record the parameters and the variations of temperature



SPECIFICATIONS

Model	INC081-042	INC081-070	INC081-142
Capacity	42 L	70 L	142 L
Electrical requirement	220 V 50 Hz		
Controller	LCD Programmable controller		
Temperature Range	RT+5°C - 80°C		
Display Resolution	0.1°C		
Temperature Stability	±0.2°C		
Ambient Temperature	+5 - 35°C		
Power Consumption	250 W		500 W
Interior Dimension	350Wx300Dx400H mm	400Wx320Dx550H mm	500Wx380Dx750H mm
Exterior Dimension	505Wx635Dx600H mm	550Wx660Dx750H mm	655Wx715Dx980H mm
Shelves	2 pcs		

Timing Range	0~5999 min		
Remark	Without observation window	-	-

Model	INC081-243	INC081-408
Capacity	243 L	408 L
Electrical requirement	220 V 50 Hz	
Controller	LCD Programmable controller	
Temperature Range	RT+5°C - 80°C	
Display Resolution	0.1°C	
Temperature Stability	±0.2°C	
Ambient Temperature	+5 - 35°C	
Power Consumption	600 W	1200 W
Interior Dimension	600Wx450Dx900H mm	1000Wx510Dx800H mm
Exterior Dimension	755Wx785Dx1130H mm	1140Wx850Dx1080H mm
Shelves	2 pcs	
Timing Range	0~5999 min	
Remark	-	-



INC081-042



INC081-070



INC081-142



INC081-243



INC081-408

LABSTAC

Labstac LLC

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA

Email: contact@labstac.com | Website: labstac.com