

LABSTAC

**MICROBIOLOGICAL
INCUBATOR**



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MICROBIOLOGICAL INCUBATOR

Microbiological Incubator can be used for many applications beyond traditional bacterial culture, such as temperature dependent incubations, enzymatic reactions or for reagent storage. Programmable controls and refrigeration are some of the additional features available in incubators on the market today.

Used in Temperature dependent incubations, Enzymatic reactions, Reagent Storage. Programmable controls, Refrigeration.

Also known as Laboratory Microbiological Incubator, Microbiological Incubator.

IM11 SERIES MICROBIOLOGICAL INCUBATOR



IM111, IM112, IM113, IM114

FEATURES

	IM111	IM112	IM113	IM114
Cooling system	•	•	•	•
High quality imported compressor	•	•	•	•
Air duct circulation system	•	•	•	•
Stainless steel inner	•	•	•	•
Buit in BOD socket	•	•	•	•
large observation window	•	•	•	•
Lighting device	•	•	•	•
PID control	•	•	•	•

SPECIFICATIONS

Model	IM111	IM112	IM113	IM114
Capacity	70 L	100 L	150 L	250 L
Temperature Range	0~60°C			
Temperature Accuracy	±0.5°C			
Temperature Fluctuation	±1%			
Timer Range	0-999 min			
Internal Dimention (WxDxH)	400x320x500 mm	450x380x580 mm	500x380x800 mm	550x450x1000 mm
Overall Dimension (WxDxH)	540x570x1020 mm	590x620x1100 mm	640x660x1350 mm	690x660x1550 mm
Package Size	620x650x1140 mm	670x700x1220 mm	720x740x1470 mm	770x740x1670 mm

Weight	56.5/62.5 kg	90/98 kg	102/112 kg	130/140 kg
Power	350 W		450 W	700 W
Power Supply	220 V			

IM12 SERIES MICROBIOLOGICAL INCUBATOR



IM121, IM122, IM123

FEATURES

	IM121	IM122	IM123
Programmable microcomputer based PID controller	•	•	•
LCD display	•	•	•
Unique air duct circulation system ensures temperature uniformity	•	•	•
Mirror finished stainless steel inner chamber	•	•	•
Double door with magnetically sealed outer door	•	•	•
Inner chamber equipped with a lightning device for easier observation	•	•	•
Large capacity humidifier enables automatic water intake function	•	•	•
UV sterilization lamp ensures bacteria-free working chamber	•	•	•
Built-in socket and adjustable shelf	•	•	•
Touch-button operation with timer function	•	•	•
Fluorine-free R134a refrigerant	•	•	•
Equipped with compressor providing stable and long lasting operation	•	•	•
Balanced refrigeration, low temperature fluctuation, auto-defrost function	•	•	•
Multiple safety function, delay protection function	•	•	•
Over-temperature alarm function	•	•	•

SPECIFICATIONS

Model	IM121	IM122	IM123
Capacity	100 L	150 L	250 L
Temperature Range	0-60°C		
Temperature Accuracy	±1°C		±1°C
Temperature Fluctuation	±1°C		
Temperature Uniformity	±0.1°C		
Temperature Resolution	0.1°C		
Humidity Range	50-90 %RH		
Humidity Fluctuation	±5%		
Interior volume (cu ft)	3.5 cubic feet	5.3 cubic feet	8.8 cubic feet
Timer Range	0-999 min		
Internal Dimension (WxDxH)	580x450x380 mm	800x500x380 mm	

Overall Dimension (WxDxH)	1100x590x620 mm	1350x640x660 mm	1550x690x660 mm
Package Size	1220x670x700 mm	1470x720x740 mm	
Shelves/Trays	2		
Weight	93/100 kg	105/115 kg	133/145 kg
Power	400 W	600 W	800 W
Power Supply	220 V, 60 Hz		

IM13 SERIES MICROBIOLOGICAL INCUBATOR



IM131, IM132, IM133, IM134

FEATURES

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.

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

IM131 IM132 IM133 IM134

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SPECIFICATIONS

Model	IM131	IM132	IM133	IM134
Capacity	100 L	150 L	250 L	400 L
Temperature Range	0-65°C			
Ambient Temperature	10~30°C			
Temperature Fluctuation	±0.5°C			
Temperature Uniformity	±1		±1.5	
Temperature Resolution	0.1°C			
Ambient Humidity	<70%			
Timer Range	0-99 hrs, 0-9999 min, can be chose			
Convection Mode	Forced Convection			
Internal Dimention (WxDxH)	490x390x610 mm	510x390x760 mm	510x450x1100 mm	600x640x1050 mm
Overall Dimension (WxDxH)	630x680x1250 mm	650x680x1410 mm	650x740x1730 mm	745x930x1700 mm
Package Size	1450x730x830 mm	1605x760x830 mm	1935x760x890 mm	1907x815x1090 mm
Shelves/Trays	3		4	

Weight	95/120 kg	107/133 kg	135/162.5 kg	158/158 kg
Power	850 W	1000 W	1100 W	
Power Supply	Single phase AC220 V/50 Hz			

IM14 SERIES MICROBIOLOGICAL INCUBATOR



IM141, IM142, IM143

FEATURES

IM141 IM142 IM143

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.

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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.

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Excellent Imported temperature and humidity Sensor.

• • •

Efficient isolation Design

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SPECIFICATIONS

Model	IM141	IM142	IM143
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	Yes		
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 (WxDxH)	508x389x757 mm	508x449x1088 mm	601x639x1052 mm
Overall Dimension (WxDxH)	650x680x1410 mm	650x740x1730 mm	745x930x1700 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		

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