

INCUBATOR



Air Jacketed Incubator LIAJ-100 Series

Labocon Air Jacketed Incubator LIAJ-100 Series employs natural air convection method and gentle breeze circulation to ensure temperature uniformity in the chamber. The 100 Series has been specially designed for optimal temperature control as well as minimal sample contamination caused by external air intrusion.

Features

- Stainless steel inner chamber with semicircular transition and adjustable shelves
- Door having tempered glass observation window with adjustable air-tight lock and silicon rubber sealing to prevent heat loss
- LCD display with multiple display of data and timer function
- Over temperature protection
- Overheat thermostat with auto power shutdown function
- Easy to use interface
- Optional:
 - Remote Temperature Control System
 - Multi-stage Temperature Controller
 - RS485 Interface
 - Printer



Application

Labocon Air Jacketed Incubator is suitable for use in agricultural sectors, industrial enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.

Specification

Model	LIAJ-101	LIAJ-102	LIAJ-103	LIAJ-104	LIAJ-105
Capacity	30 L	45 L	65 L	125 L	230 L
Temp. Range	RT+5-80°C				
Ambient Temp.	5-40°C				
Temp. Accuracy	±0.2°C				
Temp. Uniformity	±0.5°C				
Temp. Resolution	0.1°C				
Timer Range	1-9999 min				
Shelves	2				
Load Per Shelf	15kg				
Inner Dimension	310x310x310 mm	350x350x350 mm	400x360x450 mm	500x450x550 mm	600x500x750 mm
Overall Dimension	460x510x695 mm	500x550x735 mm	550x550x840 mm	636x680x915 mm	730x670x1220 mm
Power	150 W	250 W	500 W	600 W	700 W
Power Supply	220V, 50Hz				
Weight (Net/Gross)	39/51 kg	42/54 kg	46/60 kg	55/70 kg	70/115 kg
Catalog No.	9341165202	9341166202	9341167202	9341168202	9341169202

Water Jacketed Incubator LIWJ-100 Series

Labocon Water Jacketed Incubator LIWJ-100 Series is a precise constant temperature incubator. A high quality fan with automatic adjustment of airflow ensures excellent temperature uniformity with low noise operation.

Features

- Mirror finished stainless steel interior and cold-rolling steel with static spray plastics exterior
- Double door with the inner glass observation door
- Door heating control system avoids frost phenomenon on inner glass door
- Nanophase material magnetic door seal strips and heat preservation material ensures air-tight sealing
- Automatic airflow adjustment
- High quality, low-noise fan ensures the temperature uniformity
- Microcomputer based temperature control system
- Dual LED screens with touch keyboard set
- Microcomputer auto-restrain control system avoids temperature fluctuation
- Intelligent water level control with sound and light alarm
- Assistant control system plays a key role during invalidation of main control system
- Audio visual alarm for water level control and over temperature control
- Data can be stored and recovered on power or system failure

Application

Labocon Water Jacketed Incubator is ideal for plant germination, seedling and microorganism cultivation, etc. in research, environmental and educational institutions.



LIWJ-101

Specification

Model	LIWJ-101	LIWJ-102	LIWJ-103	LIWJ-104
Capacity	53 L	80 L	179 L	270 L
Temp. Range	RT+5-65°C			
Temp. Fluctuation	±0.2°C to ±0.5°C			
Temp. Uniformity	±0.2°C to ±0.5°C			
Temp. Resolution	0.1°C			
Timer Range	0-999 min			
Display	LED			
Shelves	2		3	
Load per Shelf	15 kg			
Internal Dimension	310x380x450 mm	400x400x500 mm	550x500x650 mm	600x600x750 mm
Overall Dimension	460x510x765 mm	550x530x815 mm	700x630x965 mm	750x730x1065 mm
Power	430 W	630 W	1030 W	1530 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	42/50 kg	49/59 kg	83/95 kg	98/113 kg
Catalog No.	9341101127	9341102127	9341103127	9341104127

Water Jacketed Incubator LIWJ-200 Series

Labocon Water Jacketed Incubator LIWJ-200 Series is designed to provide precisely controlled, uniform temperatures and a pure environment for cell culture applications.

Features

- Stainless steel interior and cold rolling steel with electrostatic spraying exterior
- Double sealing door with reinforced glass inner door with silicon rubber seal and outer door with magnetic rubber seal
- Circulation system ensures temperature uniformity
- Microprocessor based PID temperature controller
- LED display
- Over temperature protection, timer setting and low water-level indicator

Application

Labocon Water Jacketed Incubator is ideal for plant germination, seedling and microorganism cultivation, etc. in research, environmental and educational institutions.



LIWJ-201

Specification

Model	LIWJ-201	LIWJ-202	LIWJ-203
Capacity	36 L	112 L	252 L
Temp. Range	RT+5-65°C		
Temp. Fluctuation	±0.5°C		
Temp. Uniformity	±0.5°C		
Temp. Resolution	0.1°C		
Timer Range	1-9999min		
Display	LED		
Shelves	2		
Load per Shelf	15 kg		
Internal Dimension	300x300x450 mm	450x450x550 mm	600x600x700 mm
Overall Dimension	420x420x690 mm	570x570x840 mm	720x720x990 mm
Power	450 W	650 W	1030 W
Power Supply	220V, 60Hz		
Weight (Net/Gross)	30/42 kg	45/62 kg	70/88 kg
Catalog No.	9341105202	9341106202	9341107202

Water Jacketed Incubator LIWJ-300 Series

Labocon Water Jacketed Incubator LIWJ-300 Series is a precise constant temperature incubator. A high quality fan with automatic adjustment of airflow ensures excellent temperature uniformity with low noise operation.

Features

- Mirror finished stainless steel interior and cold-rolling steel with static spray plastics exterior
- Double door with the inner glass observation door
- Door heating control system avoids frost phenomenon on inner glass door
- Nanophase material magnetic door seal strips and heat preservation material ensures air-tight sealing
- Automatic airflow adjustment
- High quality, low-noise fan ensures the temperature uniformity
- Microcomputer based temperature control system
- Programmable design can set 10 segments
- LCD screen display
- Microcomputer auto-restrain control system avoids temperature fluctuation
- Intelligent water level control with sound and light alarm
- Assistant control system plays a key role during invalidation of main control system
- Audio visual alarm for water level control and over temperature control
- Data can be stored and recovered on power or system failure
- RS-485 interface
- Optional: Preset function

Application

Labocon Water Jacketed Incubator is ideal for plant germination, seedling and microorganism cultivation, etc. in research, environmental and educational institutions.



LIWJ-301

Specification

Model	LIWJ-301	LIWJ-302	LIWJ-303	LIWJ-304
Capacity	53 L	80 L	179 L	270 L
Temp. Range	RT +5-65°C			
Temp. Fluctuation	±0.2°C to ±0.5°C			
Temp. Uniformity	±0.2°C to ±0.5°C			
Temp. Resolution	0.1°C			
Timer Range	0-99h 59min			
Display	LCD			
Shelves	2		3	
Load per Shelf	15 kg			
Internal Dimension	310x380x450 mm	400x400x500 mm	550x500x650 mm	600x600x750 mm
Overall Dimension	460x490x755 mm	550x510x805 mm	700x610x955 mm	750x710x1055 mm
Power	430 W	630 W	1030 W	1530 W
Power Supply	220V, 60Hz			
Weight (Net/Gross)	42/50 kg	51/61 kg	83/95 kg	98/113 kg
Catalog No.	9341108127	9341109127	9341110127	9341111127

BIOCHEMICAL INCUBATOR LBI-100 SERIES

Labocon BOD Incubator LBI-100 Series is designed with an advanced microprocessor controller which makes it highly efficient in maintaining low temperature test conditions. It provides temperature uniformity and is ideal for BOD determination of sewage and waste water in addition to other low temperature applications.

Features

- Stainless steel inner chamber with easy to clean semicircular corners
- Large observation window with magnetic door seal
- Adjustable shelves with built-in BOD socket
- Duct circulation system ensures uniform temperature in the working room
- Cooling system with high quality compressor
- Refrigerant: Fluorine-free R134a
- Microcomputer intelligent PID control
- LED display
- Touch keys for setting the parameters
- Built-in lighting device
- Over temperature alarm function

Application

Labocon BOD Incubator is widely used in environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and development departments.



Biochemical Incubator LBI-100

Specification

Model	LBI-101	LBI-102	LBI-103	LBI-104
Capacity	70 L	100 L	150 L	250 L
Temp. Range	0-60°C			
Temp. Accuracy	±0.5°C			
Temp. Fluctuation	±1°C			
Temp. Uniformity	±1°C			
Temp. Resolution	±0.5°C			
Timer Range	0-999 min			
Shelves	2			
Load per Shelf	15 kg			
Inner Dimension	500×400×320 mm	580×450×380 mm	800×500×380 mm	1000×550×450 mm
Overall Dimension	1020×540×570 mm	1100×590×620 mm	1350×640×660 mm	1550×690×660 mm
Power	350W		450W	700W
Power Supply	220 V, 60 Hz			
Weight (Net/ Gross)	57/80 kg	90/120 kg	102/145 kg	130/160 kg
Catalog No.	9341197301	9341198301	9341199301	9341200301

Biochemical Incubator LBI-200 Series

Labocon BOD Incubator LBI-200 Series is equipped with an advanced microcomputer control system with a unique air duct design that ensures excellent temperature uniformity and precise temperature control suitable for a wide range of applications.

Features

- Mirror finished stainless steel interior and cold-rolling steel with static spray plastics exterior
- Double door with the inner glass observation door
- Test holes are equipped on both sides, internal diameter is 30 mm and external diameter is 60 mm
- Airflow Refresh Device for fresh environment
- High quality, low-noise centrifugal fan ensures the temperature uniformity
- Microcomputer intelligent control with LCD display
- Environment efficient, energy-saving CFC-free refrigerant
- Durable refrigeration system with multiple, self-checking, auto-defrosting and safe operation avoids temperature influence
- Audio visual alarm for water level control and over temperature control
- Data can be stored and recovered on power or system failure
- Programmable design can set 30 segments
- RS485 interface



Application

Labocon BOD Incubator is widely used in scientific research institutes, manufacturing enterprises for environmental protection, sanitation and epidemic prevention, drug inspection, farming of aquatic products, cultivation and conservation of bacteria, planting and breeding experiments.

Specification

Model	LBI-201	LBI-202	LBI-203	LBI-204	LBI-205
Capacity	100 L	150 L	250 L	400 L	800 L
Temp. Range	0-65°C				
Temp. Accuracy	0.1°C				
Temp. Fluctuation	±0.5°C				
Temp. Uniformity	±1°C				
Temp. Resolution	0.1°C				
Timer Range	0-9999min				
Shelves	2	3	4	6	
Load per Shelf	15 kg				
Inner Dimension	490x390x610 mm	510x390x760 mm	510x450x1100 mm	600x640x1050 mm	1220x585x1123 mm
Overall Dimension	525x630x1255 mm	650x680x1400 mm	650x740x1736 mm	745x930x1695 mm	1503x896x1838 mm
Power	1000 W	1100 W		1350 W	3740 W
Power Supply	220 V, 60 Hz				
Weight (Net/ Gross)	91/109 kg	103/128 kg	144/170 kg	175/249 kg	400/450 kg
Catalog No.	9341201127	9341202127	9341203127	9341204127	9341205127

Cooled Incubator LCI-100 Series

Labocon Cooled Incubator LCI-100 Series offers accurate and reliable temperature controlled storage for your products. It minimizes energy consumption with maximum benefit to the environment. The high quality circulation system with PID temperature controller ensures excellent temperature uniformity.

Features

- High quality Stainless Steel SUS 304 interior and powder painted exterior
- Double door with the inner glass observation door
- Nature convection air circulation system ensures temperature stability
- Microprocessor based PID temperature control system
- Touch screen control panel with LED digital display
- Temperature Sensor: PT-100Ω
- Environment efficient, energy-saving CFC-free R134a refrigerant
- Automatic high-low temperature alarm for temperature control
- Delayed working of compressor during power failure

Application

Labocon Cooled Incubator is suitable for freezing, incubation, drying, germination experiments, waste-water testing, BOD, soil testing and long-term storage in the fields of biology, zoology, botany and the quality control and R&D laboratories in industries such as pharmaceuticals, industrial testing, food and cosmetics.

Specification

Model	LCI-101	LCI-102	LCI-103	LCI-104
Capacity	80 L	150 L	400 L	590 L
Temp. Range	0-70°C			
Ambient Temp.	±5-35°C			
Temp. Accuracy	±0.1°C			
Temp. Uniformity	±1°C			
Temp. Fluctuation	±1°C			
Temp. Resolution	±0.1°C			
Timer Range	None			
Shelves	2		4	
Load per Shelf	40~50 kg			
Inner Dimension	500x400x400 mm	600x500x500 mm	600x500x1350 mm	680x600x1450 mm
Overall Dimension	560x550x670 mm	680x700x825 mm	670x740x1820 mm	815x800x1940 mm
Power	900W		1200W	900W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	50/80 kg	78/89 kg	120/200 kg	180/200 kg
Catalog No.	9341190584	9341191584	9341192584	9341193584

Cooled Incubator LCI-200 Series

Labocon Cooled Incubator LCI-200 Series offers accurate and reliable temperature controlled storage for your products. It minimizes energy consumption with maximum benefit to the environment. The high quality circulation system with PID temperature controller ensures excellent temperature uniformity.

Features

- Stainless Steel SUS 304 inner bag and cold rolling plate powder spray exterior
- Freon-free polyurethane foaming insulation reduces energy consumption and improves insulation
- Forced air convection circulation system ensures temperature uniformity
- Test hole of 45 mm equipped on left and right side
- Internal silica gel soft plugs make sure the temperature inside the incubator is maintained evenly
- Environment efficient, energy-saving CFC-free refrigerant R134a and EBM condenser
- Fuzzy PID intelligent programmable temperature control system
- Over temperature protection function
- Audio alarm for power failure and door ajar
- Automatic start and stop function with self-recovery function
- RS232 interface

Application

Labocon Cooled Incubator is suitable for freezing, incubation, drying, germination experiments, waste-water testing, BOD, soil testing and long-term storage in the fields of biology, zoology, botany and the quality control and R&D laboratories in industries such as pharmaceuticals, industrial testing, food and cosmetics.



LCI-200

Specification

Model	LCI-201	LCI-202	LCI-203
Capacity	80 L	150 L	250 L
Temp. Range	-10-65°C		
Ambient Temp.	±5-35°C		
Temp. Accuracy	±0.1°C		
Temp. Uniformity	±1°C		
Temp. Fluctuation	±1°C		
Temp. Resolution	±0.1°C		
Timer Range	0-999999min		
Shelves	2	3	
Load per Shelf	15 kg		
Inner Dimension	400x400x500 mm	500x450x670 mm	580x540x800 mm
Overall Dimension	525x607x1100 mm	625x657x1270 mm	705x747x1500 mm
Power	550 W	750 W	1000 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	87.5/94 kg	96.5/105 kg	117/127 kg
Catalog No.	9341194472	9341195472	9341196472

Cooled Incubator LCI-300 Series

Labocon Cooled Incubator LCI-300 Series offers accurate and reliable temperature controlled storage for your products. It minimizes energy consumption with maximum benefit to the environment. The high quality circulation system with PID temperature controller ensures excellent temperature uniformity.

Features

- Mirror finished stainless steel inner chamber with semi-circular corners and easily detachable shelves
- Forced air convection circulation system ensures temperature uniformity
- Test hole of 25 mm equipped on left side for temperature measurement
- Microprocessor based temperature controller
- Environment efficient, energy-saving CFC-free refrigerant R134a
- Multi-stage programmable function for automatic control and simplified operation
- Programmable design can preset 15 paragraphs in 30 steps
- Optional:
 - Independent temperature limiting alarm system
 - Programmable temperature controller
 - UV Sterilizer
 - RS485 connector
 - Printer

Application

Labocon Cooled Incubator is suitable for freezing, incubation, drying, germination experiments, waste-water testing, BOD, soil testing and long-term storage in the fields of biology, zoology, botany and the quality control and R&D laboratories in industries such as pharmaceuticals, industrial testing, food and cosmetics.

Specification

Model	LCI-301	LCI-302	LCI-303	LCI-304
Capacity	100 L	150 L	250 L	500 L
Temp. Range	-20-65°C			
Ambient Temp.	±5-35°C			
Temp. Accuracy	±0.1°C			
Temp. Uniformity	±1°C			
Temp. Fluctuation	High Temperature: ±0.5°C Low Temperature: ±1.0°C			
Temp. Resolution	0.1°C			
Timer Range	1-9999 min			
Shelves	3			
Load per Shelf	15 kg			
Inner Dimension	500x400x600 mm	550x405x670 mm	600x500x830 mm	1000x1100x1860 mm
Overall Dimension	650x770x1320 mm	690x800x1430 mm	740x900x1580 mm	998x1020x1730 mm
Power	1000 W	1200 W	1400 W	4000 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	130 /172 kg	180/224 kg	190/264 kg	415/470 kg
Catalog No.	9341215250	9341216250	9341217250	9341218250

Cooled Incubator LCI-400 Series

Labocon Cooled Incubator LCI-400 Series offers accurate and reliable temperature controlled storage for your products. It minimizes energy consumption with maximum benefit to the environment. The high quality circulation system with PID temperature controller ensures excellent temperature uniformity.

Features

- Mirror finished stainless steel inner chamber with semi-circular corners and easily detachable shelves
- Forced air convection circulation system ensures temperature uniformity
- Test hole of 25 mm equipped on left side for temperature measurement
- Microprocessor based temperature controller
- Environment efficient, energy-saving CFC-free refrigerant R134a
- Multi-stage programmable function for automatic control and simplified operation
- Programmable design can preset 15 paragraphs in 30 steps
- Optional:
 - Independent temperature limiting alarm system
 - Programmable temperature controller
 - UV Sterilizer
 - RS485 connector
 - Printer

Application

Labocon Cooled Incubator is suitable for freezing, incubation, drying, germination experiments, waste-water testing, BOD, soil testing and long-term storage in the fields of biology, zoology, botany and the quality control and R&D laboratories in industries such as pharmaceuticals, industrial testing, food and cosmetics.

Specification

Model	LCI-401	LCI-402	LCI-403	LCI-404
Capacity	100 L	150 L	250 L	500 L
Temp. Range	-40-65°C			
Ambient Temp.	±5-35°C			
Temp. Accuracy	±0.1°C			
Temp. Uniformity	±1°C			
Temp. Fluctuation	High Temperature: ±0.5°C Low Temperature: ±1.0°C			
Temp. Resolution	0.1°C			
Timer Range	1-9999 min			
Shelves	3			
Load per Shelf	15 kg			
Inner Dimension	500x400x600 mm	550x405x670 mm	600x500x830 mm	1000x1100x1860 mm
Overall Dimension	650x770x1320 mm	690x800x1430 mm	740x900x1580 mm	998x1020x1730 mm
Power	2200 W		4000 W	5000 W
Power Supply	380 V, 60 Hz			
Weight (Net/Gross)	130 /172 kg	180/224 kg	190/264 kg	415/470 kg
Catalog No.	9341219250	9341220250	9341221250	9341222250

Cooled Incubator LCI-500 Series

Labocon Cooled Incubator LCI-500 Series offers accurate and reliable temperature controlled storage for your products. It minimizes energy consumption with maximum benefit to the environment. The high quality circulation system with PID temperature controller ensures excellent temperature uniformity.

Features

- Sheet steel epoxy coated white colour outside and atoxic plastic material inside
- Internal corners are rounded for easy cleaning
- Rust-proof plastic coated sheet steel wire shelves placed on anti-tilt stainless steel slides for easy movement
- Hinged door provided with removable magnetic rubber gasket and flush-fitting type door handle
- High density polyurethane insulation
- Insulation thickness: 40-75 mm
- Internal lighting: LED tube (LCI-501) or bulb (LCI-502 to LCI-508) mounted in the side wall or bottom part of the control panel with automatic activation at every door opening through a special switch
- Control panel: Microprocessor operating with soft-touchpads and 3.5" colour display LCD display. The main functions of the control panel are :
 - Digital temperature display with an accuracy of 0.1°C
 - Keyboard password protected with automatic locking
 - Back-up battery with automatic recharging
 - Icon based menu
 - Real-time graphical temperature chart
 - Data-logging function through USB port with direct download of Excel file
 - GSM/GPRS telephone dialer
 - NTC sensors maintain temperature accuracy
- Internal ventilation setting
- Cooling unit: Condenser compounded by a hermetic compressor and an air cooled condenser
- Refrigeration: Forced-air circulation
- Refrigerant: R404a/ R134a CFC-free
- Defrosting: Completely automatic, thermostat controlled
- Events memory with the possibility of checking from the display, defrosting's, door openings, relays status, etc.
- Breakers : 2 glass cartridge fuses with a rating of 10A for protection of the equipment
- Plug: Schuko type
- Noise level (dB (A)): ≤ 48-52
- RS485 interface
- Safety functions: Visual and acoustic alarm signalling (with automatic resetting) for high and low temperature, door ajar, power failure, battery discharged, condenser dirty, anti-freezing evaporator, sensors failure

Application

Labocon Cooled Incubator is suitable for freezing, incubation, drying, germination experiments, waste-water testing, BOD, soil testing and long-term storage in the fields of biology, zoology, botany and the quality control and R&D laboratories in industries such as pharmaceuticals, industrial testing, food and cosmetics.

Specification

Model	LCI-501	LCI-502	LCI-503	LCI-504
Capacity	130 L	270 L	370 L	440 L
Temp. Range	2-50°C			
Ambient Temp.	15-38°C			
Temp. Accuracy	±0.1°C			
Temp. Uniformity	±2°C			
Temp. Fluctuation	±2°C			
Temp. Resolution	±0.1°C			
Timer Range	None			
Shelves	2		3	
Load per Shelf	25 kg	30 kg		
Inner Dimension	530x640x940 mm	600x650x1640 mm	600x600x1920 mm	600x700x1920 mm
Overall Dimension	650x720x1140 mm	720x730x1780 mm	700x800x2120 mm	
Power	194 W	310 W		410 W
Power Supply	380 V, 60 Hz			
Weight (Net/Gross)	65/75 kg	75/95 kg	90/110 kg	105/125 kg
Catalog No.	9341182181	9341183181	9341184181	9341185181

Specification

Model	LCI-505	LCI-506	LCI-507	LCI-508
Capacity	530 L	625 L	1160 L	1365 L
Temp. Range	2-50°C			
Ambient Temp.	15-38°C			
Temp. Accuracy	±0.1°C			
Temp. Uniformity	±2°C			
Temp. Fluctuation	±2°C			
Temp. Resolution	±0.1°C			
Timer Range	None			
Shelves	3		6	
Load per Shelf	35 kg			
Inner Dimension	750x700x2100 mm	750x820x2100 mm	1500x700x2100 mm	1500x820x2100 mm
Overall Dimension	850x980x2240 mm	850x980x2240 mm	1580x980x2240 mm	
Power	1006 W	1456 W	1744 W	
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	155/175 kg	160/180 kg	220/250 kg	240/270 kg
Catalog No.	9341186181	9341187181	9341188181	9341189181

Dual Purpose Incubator LDPI-100 Series

Labocon Dual Purpose Incubator LDPI-100 Series is built with an advantage of combining two temperature ranges in one unit through the use of a simple high/low switch. It employs forced air convection method that ensures temperature uniformity in the chamber.

Features

- Stainless steel interior and cold rolling steel with electrostatic spraying exterior
- Door with double glass observation window and adjustable air-tight lock
- Silicon rubber sealing prevents heat loss
- Adjustable fan speed
- Lateral forced air duct heater and heater covering at the bottom provides easy assembly and disassembly for convenient cleaning
- Micro-computer digital or liquid crystal temperature controller with LED digital display
- Over-temperature protection
- Overheat safety thermostat with alarm
- Optional:
 - Remote Temperature Control System
 - Printer

Application

Labocon Dual Purpose Incubator is widely used in industries, scientific and research institutes for the purpose of drying, bacteria and microbe cultivation, etc.

Specification

Model	LDPI-101	LDPI-102	LDPI-103	LDPI-104	LDPI-105
Capacity	30 L	45 L	65 L	125 L	230 L
	RT+5-80°C				
	80-250°C				
Ambient Temp.	5-35°C				
	±0.5°C				
	±1°C				
Temp. Resolution	0.1°C				
Timer	1-9999 min				
Display	LED				
Shelves	2				
Load Per Pack	15 kg				
Inner Dimension	310x310x310 mm	350x350x350 mm	400x360x450 mm	500x450x550 mm	600x500x750 mm
Overall Dimension	460x540x695 mm	500x550x735 mm	550x550x840 mm	636x680x915 mm	730x670x1220 mm
	300 W	300 W	400 W	600 W	700 W
	800 W	1200 W	1600 W	2300 W	3000 W
Power Supply	220V, 60Hz				
Weight (Net/Gross)	39/51 kg	42/56 kg	47/60 kg	56/71 kg	70/115 kg
Catalog No.	9341131202	9341132202	9341133202	9341134202	9341135202



LDPI-101

Dual Purpose Incubator LDPI-200 Series

Labocon Dual Purpose Incubator LDPI-200 Series is built with an advantage of combining two temperature ranges in one unit through the use of a simple high/low switch. It employs forced air convection method that ensures temperature uniformity in the chamber.

Features

- Stainless steel interior and cold rolling steel with electrostatic spraying exterior
- Door with double glass observation window and adjustable air-tight lock
- Silicon rubber sealing prevents heat loss
- Adjustable fan speed
- Lateral forced air duct heater and heater covering at the bottom provides easy assembly and disassembly for convenient cleaning
- Micro-computer digital or liquid crystal temperature controller with LCD digital display
- Over-temperature protection
- Overheat safety thermostat with alarm
- Optional:
 - Remote Temperature Control System
 - Printer

Application

Labocon Dual Purpose Incubator is widely used in industries, scientific and research institutes for the purpose of drying, bacteria and microbe cultivation, etc.



LDPI-201

Specification

Model		LDPI-201	LDPI-202	LDPI-203	LDPI-204	LDPI-205
Capacity		30 L	45 L	65 L	125 L	230 L
Temp. Range	Incubator	RT+5-80°C				
	Oven	80-250°C				
Ambient Temp.		5-35°C				
Temp. Accuracy	Incubator	±0.5°C				
	Oven	±1°C				
Temp. Resolution		0.1°C				
Timer		1-9999 min				
Display		LCD				
Shelves		2				
Load Per Pack		15 kg				
Inner Dimension		310x310x310 mm	350x350x350 mm	400x360x450 mm	500x450x550 mm	600x500x750 mm
Overall Dimension		460x540x695 mm	500x550x735 mm	550x550x840 mm	636x680x915 mm	730x670x1220 mm
Power	Incubator	300 W	300 W	400 W	600 W	700 W
	Oven	800 W	1200 W	1600 W	2300 W	3000 W
Power Supply		220V, 60Hz				
Weight (Net/Gross)		39/51 kg	42/56 kg	47/60 kg	56/71 kg	70/115 kg
Catalog No.		9341138202	9341139202	9341140202	9341141202	9341142202

Fungal Growth Incubator LFGI-100 Series

Labocon Fungal Growth Incubator LFGI-100 is designed for environmental protection with constant and accurate temperature and humidity control function. It is equipped with an advanced PID control technology and a unique air duct design that ensures excellent temperature uniformity.

Features

- Mirror finished stainless steel inner chamber
- Double door with magnetically sealed outer door
- Inner chamber equipped with a lightning device for easier observation
- Built-in socket and adjustable shelf
- Unique air duct circulation system ensures temperature uniformity
- Large capacity humidifier enables automatic water intake function
- UV sterilization lamp ensures bacteria-free working chamber
- Programmable microcomputer based PID controller
- LCD display
- 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
- Optional
 - RS485 interface and software
 - Test hole
 - Printer

Application

Labocon Fungal Growth Incubator is widely applicable in biological engineering and water analysis field, etc. It is also used for environmental protection, health and epidemic prevention, drug inspection, livestock farming, scientific research institutes, etc.

Specification

Model	LFGI-101	LFGI-102	LFGI-103
Capacity	100 L	150 L	250 L
Temp. Range	0-60°C		
Temp. Uniformity	±0.1°C		
Temp. Fluctuation	±1°C		
Temp. Resolution	0.1°C		
Humidity Range	50-90 %RH		
Humidity Fluctuation	±5%		
Timer Range	0-999min		
Shelves	2		
Load per Shelf	15 kg		
Inner Dimension	580x450x380 mm	800x500x380 mm	1000x550x450 mm
Overall Dimension	1100x590x620 mm	1350x640x660 mm	1550x690x660 mm
Power	400 W	600 W	800 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	93/100 kg	105/115 kg	133/145 kg
Catalog No.	9341128301	9341129301	9341130301



Fungal Growth Incubator LFGI-200 Series

Labocon Fungal Growth Incubator LFGI-200 Series is equipped with an advanced compressor and refrigeration system with a unique air duct design that ensures excellent temperature uniformity and precise temperature control suitable for a wide range of applications.

Features

- Mirror finished stainless steel interior and cold-rolling steel with static spray plastics exterior
- Double door with the inner glass observation door
- Magnetic door seal strips made of nanophase and heat preservation material
- Test holes are equipped on both sides, internal diameter is 30mm and external diameter is 60mm
- Airflow Refresh Device for fresh environment
- High quality, low-noise centrifugal fan ensures the temperature uniformity
- Microcomputer intelligent control with LCD display
- Environment efficient, energy-saving CFC-free refrigerant
- Durable refrigeration system with multiple, self-checking, auto-defrosting and safe operation avoids temperature influence
- Audio visual alarm for water level control and over temperature control
- Data can be stored and recovered on power or system failure
- Programmable design can set 30 segments
- RS485 interface

Application

Labocon Fungal Growth Incubator is widely applicable in biological engineering and water analysis field, etc. It is also used for environmental protection, health and epidemic prevention, drug inspection, livestock farming, scientific research institutes, etc.

Specification

Model	LFGI-201	LFGI-202	LFGI-203	LFGI-204	LFGI-205
Capacity	100 L	150 L	250 L	400 L	800 L
Temp. Range	0-65°C				
Temp. Uniformity	±1°C				
Temp. Fluctuation	±0.5°C				
Temp. Resolution	0.1°C				
Humidity Range	None				
Humidity Fluctuation	None				
Timer Range	0-9999min				
Shelves	2	3	4		6
Load per Shelf	15kg				
Inner Dimension	490x390x610 mm	510x390x760 mm	510x450x1100 mm	600x640x1050 mm	1220x585x1123 mm
Overall Dimension	525x630x1255 mm	650x680x1400 mm	650x740x1736 mm	745x930x1695 mm	1503x896x1838 mm
Power	1000W	1100W		1350W	3740W
Power Supply	220 V, 60 Hz				
Weight (Net/ Gross)	91/109 kg	103/128 kg	144/170 kg	175/249 kg	400/450 kg
Catalog No.	9341206127	9341207127	9341208127	9341209127	9341210127



LFGI-200

Fungal Growth Incubator LFGI-300 Series

Labocon Fungal Growth Incubator LFGI-300 Series is equipped with an advanced compressor, a large capacity water tank and refrigeration system with a unique air duct design that ensures excellent temperature uniformity and precise temperature control suitable for a wide range of applications.

Features

- Mirror finished stainless steel interior and cold-rolling steel with static spray plastics exterior
- Double door with the inner glass observation door
- Magnetic door seal strips made of nanophase and heat preservation material
- Test holes are equipped on both sides, internal diameter is 30mm and external diameter is 60mm
- Airflow Refresh Device for fresh environment
- High quality, low-noise centrifugal fan ensures the temperature uniformity
- Microcomputer intelligent control with LCD display
- Environment efficient, energy-saving CFC-free refrigerant
- Durable refrigeration system with multiple, self-checking, auto-defrosting and safe operation avoids temperature influence
- Audio visual alarm for water level control and over temperature control
- Data can be stored and recovered on power or system failure
- Programmable design can set 30 segments
- RS485 interface

Application

Labocon Fungal Growth Incubator is widely applicable in biological engineering and water analysis field, etc. It is also used for environmental protection, health and epidemic prevention, drug inspection, livestock farming, scientific research institutes, etc.

Specification

Model	LFGI-301	LFGI-302	LFGI-303	LFGI-304
Capacity	150 L	250 L	400 L	800 L
Temp. Range	0-65°C			
Temp. Uniformity	±1°C			
Temp. Fluctuation	±0.5°C			
Temp. Resolution	0.1°C			
Humidity Range	60-90 %RH			
Humidity Fluctuation	±5%			
Timer Range	0-9999min			
Shelves	3	4		6
Load per Shelf	15kg			
Inner Dimension	510x390x760 mm	510x450x1100 mm	600x640x1050 mm	1220x585x1123 mm
Overall Dimension	650x680x1400 mm	650x740x1736 mm	745x930x1695 mm	1503x896x1838 mm
Power	1100W		1350W	3740W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	103/128 kg	144/170 kg	175/249 kg	405/455 kg
Catalog No.	9341211127	9341212127	9341213127	9341214127



LFGI-300

General Purpose Incubator LGPI-100 Series

Labocon General Purpose Incubator LGPI-100 Series is equipped with an advanced microprocessor based intelligent PID controller that delivers a high degree of temperature uniformity to suit most biological and research analysis.

Features

- High quality electrostatic sprayed cold rolling steel exterior and cold rolling steel inner chamber
- Easy to clean semicircular transition chamber with adjustable shelves
- Double door sealing for convenient opening
- Micro-computer intelligent control system with PID program
- Large screen digital display with timer function and touch operation
- Over temperature protection and auto power shutdown function

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



Specification

Model	LGPI-101	LGPI-102	LGPI-103	LGPI-104
Capacity	45 L	50 L	125 L	210 L
Temp. Range	RT +5-65°C			
Temp. Ambient	5-40°C			
Temp. Accuracy	±0.5°C			
Temp. Fluctuation	≤±0.5°C			
Temp. Uniformity	±0.5°C			
Temp. Stability	±0.5°C			
Temp. Resolution	0.1°C			
Timer Range	1-9999min			
Shelves	2			
Load per Shelf	15 kg			
Internal Dimension	350x350x350 mm	400x350x350 mm	500x450x450 mm	600x580x600 mm
Overall Dimension	480x480x580 mm	530x480x680 mm	630x570x780 mm	730x700x830 mm
Power	250 W		500 W	600 W
Power Supply	220 V, 60Hz			
Weight (Net/Gross)	27/30 kg	32/35 kg	45/49 kg	58/82 kg
Catalog No.	9341143202	9341144202	9341145202	9341146202

General Purpose Incubator LGPI-200 Series

Labocon General Purpose Incubator LGPI-200 Series is equipped with an advanced microprocessor based intelligent PID controller that delivers a high degree of temperature uniformity to suit most biological and research analysis.

Features

- High quality electrostatic sprayed cold rolling steel exterior and stainless steel inner chamber
- Easy to clean semicircular transition chamber with adjustable shelves
- Silicon rubber sealing ring prevent heat loss
- Heat insulating material: PU FOAM + Glass fiber cotton
- Forced air circulation model
- Temperature Sensor: PT100
- Micro-computer intelligent control system with PID program
- Noise: ≤ 65 dB
- Over-temperature and over-current protection, electric leakage and power phase protection

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



LGPI-200

Specification

Model	LGPI-201	LGPI-202	LGPI-203
Capacity	25.3 L	30.2 L	50.2 L
Temp. Range	RT +5°C to +65°C		
Temp. Ambient	≤ +30°C		
Temp. Accuracy	±0.5°C		
Temp. Fluctuation	≤ ±0.5°C		
Temp. Uniformity	≤ ±2.0°C		
Temp. Stability	±0.5°C		
Temp. Resolution	0.1°C		
Timer Range	1-9999min		
Shelves	2		
Load per Shelf	15 kg		
Internal Dimension	315x255x315 mm	320x300x315 mm	350x350x410 mm
Overall Dimension	610x420x470 mm	610x470x470 mm	500x520x710 mm
Power	180 W	200 W	210 W
Power Supply	220 V, 60Hz		
Weight (Net/Gross)	36/39 kg	39/43 kg	42/45 kg
Catalog No.	9341147485	9341148485	9341149485

Model	LGPI-204	LGPI-205	LGPI-206
Capacity	80 L	162.5 L	270 L
Temp. Range	RT +5°C to +65°C		
Temp. Ambient	≤ +30°C		
Temp. Accuracy	±0.5°C		
Temp. Fluctuation	≤ ±0.5°C		
Temp. Uniformity	≤ ±2.0°C		
Temp. Stability	±0.5°C		
Temp. Resolution	0.1°C		
Timer Range	1-9999 min		
Shelves	2		
Load per Shelf	15 kg		
Internal Dimension	400x400x500 mm	500x500x650 mm	600x600x750 mm
Overall Dimension	570x580x820 mm	660x680x950 mm	775x785x1100 mm
Power	280 W	380 W	570 W
Power Supply	220 V, 60 Hz		
Weight (Net/Gross)	49/55 kg	69/76 kg	91/102 kg
Catalog No.	9341150485	9341151485	9341152485

General Purpose Incubator LGPI-300 Series

Labocon General Purpose Incubator LGPI-300 Series is equipped with an advanced microprocessor based intelligent PID controller that delivers a high degree of temperature uniformity to suit most biological and research analysis.

Features

- High quality electrostatic sprayed cold rolling steel exterior and stainless steel inner chamber
- Easy to clean semicircular transition chamber with adjustable shelves
- Double door sealing for convenient opening
- Micro-computer intelligent control system with PID program
- Large screen digital display with timer function and touch operation
- Over temperature protection and auto power shutdown function

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



LGPI-300

Specification

Model	LGPI-301	LGPI-302	LGPI-303	LGPI-304
Capacity	45 L	50 L	125 L	210 L
Temp. Range	RT +5-65°C			
Ambient Temp.	5-40°C			
Temp. Accuracy	±0.5°C			
Temp. Fluctuation	±0.2°C			
Temp. Uniformity	±0.5°C			
Temp. Stability	±0.5°C			
Temp. Resolution	0.1°C			
Timer Range	1-9999min			
Shelves	2			
Load per Shelf	15 kg			
Internal Dimension	350x350x350 mm	400x350x350 mm	500x450x450 mm	600x580x600 mm
Overall Dimension	480x480x580 mm	530x480x680 mm	630x570x780 mm	730x700x830 mm
Power	250 W		500 W	600 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	27/30 kg	32/35 kg	45/49 kg	58/82 kg
Catalog No.	9341153202	9341154202	9341155202	9341156202

General Purpose Incubator LGPI-400 Series

Labocon General Purpose Incubator LGPI-400 Series is equipped with an advanced microcomputer technology and delivers a superior degree of temperature uniformity. A high quality fan with automatic adjustment of airflow in the incubator ensures fast heating with uniform temperature and low noise operation.

Features

- Mirror finished stainless steel interior and cold-rolling steel with static spray plastics exterior
- Double door with the inner glass observation door
- Magnetic door seal strips made of nanophase and heat preservation material
- Automatic airflow adjustment
- High quality, low-noise centrifugal fan ensures the temperature uniformity
- Microcomputer intelligent control with LCD display
- Audio visual alarm for water level control and over temperature control
- Data can be stored and recovered on power or system failure
- Programmable design can set 10 segments
- RS485 interface

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



LGPI-400

Specification

Model	LGPI-401	LGPI-402	LGPI-403	LGPI-404
Capacity	43 L	81 L	151 L	247 L
Temp. Range	RT +2-65°C			
Ambient Temp.	10~30°C			
Temp. Accuracy	±0.5°C			
Temp. Fluctuation	±0.2°C			
Temp. Uniformity	±0.5°C			
Temp. Stability	±0.5°C			
Temp. Resolution	0.1°C			
Timer Range	0-99h 60min			
Shelves	2		3	
Load per Shelf	15 kg			
Internal Dimension	350x350x350 mm	450x400x450 mm	550x500x550 mm	600x550x750 mm
Overall Dimension	500x430x640 mm	600x480x740 mm	700x570x840 mm	890x670x980 mm
Power	180 W	330 W	480 W	930 W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	34/42 kg	45/59 kg	63/81 kg	88/110 kg
Catalog No.	9341157127	9341158127	9341159127	9341160127

General Purpose Incubator LGPI-500 Series

Labocon General Purpose Incubator LGPI-500 Series is equipped with an advanced microprocessor controller that delivers a high degree of temperature uniformity to suit most biological and research analysis.

Features

- Mirror stainless steel inner chamber
- Inner glass door for easy observation
- High quality, low-noise centrifugal fan ensures the temperature uniformity
- Microprocessor controller with timing function
- Over temperature protection
- Optional:
 - Intelligent programmable temperature controller (LCD)
 - Independent temperature-limiting Alarm system
 - UV sterilization system
 - RS485 interface
 - Printer

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



LGPI-500

Specification

Model	LGPI-501	LGPI-502	LGPI-503
Capacity	420 L	620 L	1000 L
Temp. Range	RT+5~65°C		
Temp. Ambient	+5~35°C		
Temp. Accuracy	±0.5°C		
Temp. Fluctuation	≤±0.5°C		
Temp. Uniformity	±0.5°C		
Temp. Stability	≤±0.5°C		
Temp. Resolution	0.1°C /±0.5°C		
Timer Range	1~9999min		
Shelves	3	4	
Load per Shelf	15 kg		
Internal Dimension	640×585×1355 mm	840×600×1355 mm	1000×600×1600 mm
Overall Dimension	880X850X1990 mm	1100x920x1990 mm	1280x960x2230 mm
Power	3100 W	4100 W	6000 W
Power Supply	220 V, 60Hz		
Weight (Net/Gross)	160/180 kg	240/260 kg	365/385 kg
Catalog No.	9341179250	9341180250	9341181250

General Purpose Incubator LGPI-600 Series

Labocon General Purpose Incubator LGPI-600 Series is equipped with an advanced microprocessor controller that delivers a high degree of temperature uniformity to suit most biological and research analysis.

Features

- High quality stainless steel interior and exterior
- Adjustable space between the shelves
- Natural convection (LGPI-601) and forced convection (Model LGPI-602, LGPI-603, LGPI-604) circulation system maintains temperature stability
- Auto-controlled fan speed prevents damage of samples
- Microprocessor controller with timing function
- Self-check function for easy identification of problems
- Over temperature and temperature difference alarm
- Optional:
 - Programmable temperature controller
 - Intelligent temperature-limiting alarm system
 - RS485 Connector

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



LGPI-600

Specification

Model	LGPI-601	LGPI-602	LGPI-603	LGPI-604
Capacity	24 L	42 L	50 L	90 L
Temp. Range	RT +5-80°C			
Ambient Temp.	5-40°C			
Temp. Accuracy	±0.1°C			
Temp. Fluctuation	±0.5°C			
Temp. Uniformity	±0.5°C			
Temp. Stability	±0.2°C			
Temp. Resolution	0.1°C			
Timer Range	0-9999 min			
Shelves	1			2
Load per Shelf	5 kg			
Internal Dimension	300x310x320 mm	260x280x330 mm	310x330x480 mm	400x430x520 mm
Overall Dimension	570x530x550 mm	620x570x550 mm	610x580x700 mm	730x680x750 mm
Power	200W		400W	600W
Power Supply	220 V, 60 Hz			
Weight (Net/Gross)	23/28 kg		30/36 kg	41/47 kg
Catalog No.	9341161125	9341162125	9341163125	9341164125

General Purpose Incubator LGPI-700 Series

Labocon General Purpose Incubator LGPI-700 Series is equipped with an advanced microprocessor controller that delivers a high degree of temperature uniformity to suit most biological and research analysis.

Features

- Stainless steel SUS304 inner chamber with powder coated exterior
- Natural convection circulation system maintains temperature stability
- Double door with the inner glass observation door
- Touch screen panel
- Over heat protection function

Application

Labocon General Purpose Incubator is applicable agricultural sectors, industrial and mining enterprises, food processing quality control, biochemistry and medicine industries for bacteria and microorganism culturing applications.



LGPI-700

Specification

Model	LGPI-701	LGPI-702	LGPI-703
Capacity	20 L	30 L	40 L
Temp. Range	RT +5-80°C		
Temp. Ambient	5-40°C		
Temp. Accuracy	±0.1°C		
Temp. Fluctuation	≤±0.5°C		
Temp. Uniformity	±0.5°C		
Temp. Stability	±0.2°C		
Temp. Resolution	0.1°C		
Timer Range	1-9999 min		
Shelves	1		
Load per Shelf	15 kg		
Internal Dimension	330x300x210 mm	330x300x310 mm	400x300x330 mm
Overall Dimension	430x380x430 mm	430x400x565 mm	500x400x540 mm
Power	350W		
Power Supply	220 V, 60Hz		
Weight (Net/Gross)	18/20 kg	22/25 kg	24/28 kg
Catalog No.	9341170584	9341171584	9341172584

Model	LGPI-704	LGPI-705	LGPI-706
Capacity	50 L	80 L	150 L
Temp. Range	RT +5-80°C		
Temp. Ambient	5-40°C		
Temp. Accuracy	±0.1°C		
Temp. Fluctuation	≤±0.5°C		
Temp. Uniformity	±0.5°C		
Temp. Stability	±0.2°C		
Temp. Resolution	0.1°C		
Timer Range	1-9999 min		
Shelves	2		
Load per Shelf	15 kg		
Internal Dimension	400x300x420 mm	500x400x400 mm	600x500x500 mm
Overall Dimension	500x400x645 mm	560x550x670 mm	710x650x770 mm
Power	500W		
Power Supply	220 V, 60Hz		
Weight (Net/Gross)	25.72/29 kg	36.22/38 kg	71/74 kg
Catalog No.	9341173584	9341174584	9341178584

Hybridizaion Incubator LHI-100 Series

Labocon Hybridization Incubator LHI-100 Series is designed to create the ideal environment for nucleic acid hybridization. Microprocessor allows selection of temperature control. The dynamic mixing capability with excellent temperature uniformity creates optimum conditions needed for cDNA library screenings, primer synthesis and nucleic acid hybridization.

Features

- Microprocessor based digital PID controller
- Stable operation with low noise rotation
- Efficient and safe hybridization process
- Fast heat-up and precise temperature control
- Outer door designed with an observable window
- Easy to replace bottle rack
- Model LHI-102: Rocker installed inside the chamber
- Simultaneous rotation and rocking of samples
- Safety switch for prevention of overheating
- Over temperature protection device
- Optional:
 - Bottle Rack Small 40(φ) x 120(mm) x 8
 - Bottle Rack Large 40(φ) x 200(mm) x 8

Application

Labocon Hybridization Incubator is suitable for nucleic acid hybridizations such as Northern blots, southern blots, western blots and molecular biology assays.

Specification

Model	LHI-101	LHI-102
Temp. Range	5-80°C	
Temp. Accuracy	±0.1°C at 37°C	
Temp. Uniformity	±0.2°C	
Shaking Speed Range	Variable 4-35 rpm	Variable 4-45 rpm
Display	5 Digit LED	
Rack Capacity	None	40x200mm x 8
Platform Dimension	None	300x250 mm
Inner Dimension	320x350x370 mm	
Overall Dimension	415x465x540 mm	
Power	400 W	
Power Supply	220 V, 60 Hz	
Catalog No.	9341136362	9341137362



LHI-101

Platelet Incubator LPI-100 Series

Labocon Platelet Incubator LPI-100 Series is designed to provide accurate and stable storage environment for platelet concentrate. It provides a microprocessor controlled environment maintained by a powerful forced air circulation system to deliver excellent temperature stability and uniformity.

Features

- Sheet steel epoxy coated white colour inside and outside
- Rounded internal corners for easy cleaning
- High density polyurethane insulation
- Insulation thickness: 40 mm
- Hinged door made of perimetrical aluminium frame and three layers of tempered insulating glass, with vacuum among the glass layers in order to increase the insulating rate. The door is provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing
- Heating element housed into a stainless steel cover that incorporates the fan grants maximum reliability
- Forced-air refrigeration-heating system grants maximum temperature uniformity and stability inside the cabinet
- Internal ventilation setting
- Control panel: Microprocessor operating with soft-touchpads and LCD display. The main functions of the control panel are (For LPI-102) :
 - Digital temperature adjusting and displaying with an accuracy of 0.5°C
 - Warning lamp signaling when the cooling unit is ON
 - Keyboard block with password protection
 - Icon based menu
 - Real-time graphical temperature chart
 - Data-logging function through USB port with direct download of Excel file
 - GSM/GPRS telephone dialer
- Cooling unit: Condenser compounded by a hermetic compressor and an air cooled fan condenser
- Refrigerant: R134a CFC-free
- Defrosting : completely automatic, thermostat controlled
- Plug : Schuko type
- Noise level (dB(A)) : ≤ 52
- Safety functions: Visual and acoustic alarm for high or low temperature with programmable limits, door ajar, power failure, battery discharged, unclean condenser
- Events memory with the possibility of checking from the display, door openings, condenser dirty, etc.
- Optional:
 - Kit of rollers
 - Safety door lock with key
 - Temperature chart recorder
 - Electronic temperature printer
 - Data logger function with USB port
 - Cable port with cover
 - Different voltage

Application

Labocon Platelet Incubator is widely used in blood banks, hospitals, clinical research laboratories, etc.

Specification

Model	LPI-101	LPI-102
Capacity	110 L	
Temperature	22°C	
Temp. Accuracy	0.1°C	
Control Panel	Standard	<ul style="list-style-type: none"> • Icon based menu • Keyboard block with password protection • Real-time graphical temperature chart • Data-logging function through USB port with direct download of Excel file • GSM/GPRS telephone dialer
Inner Dimension	900x660x540 mm	
Overall Dimension	1000x750x750 mm	
Power Supply	220 V, 60 Hz	
Weight (Net/Gross)	60/70 kg	
Catalog No.	9341126181	9341127181



LPI-101