



GENERAL PURPOSE

I N C U B A T O R

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.



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.



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.



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



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