



# LFGI SERIES



# FUNGAL GROWTH

I N C U B A T O R

## 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





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