



# COOLED

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# I N C U B A T O R



## LCI SERIES

## 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

- Stainless Steel SUS 304 interior and cold rolling plate powder spray exterior. Optional SS316 Cabinet construction
- 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
- Display: LED with all parameters setting up(1-10)
- Over temperature protection function
- Temperature Fluctuation Alarm at deviation of  $\pm 1^{\circ}\text{C}$
- Microprocessor controller with PT100 Sensor
- 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-100

## Specification

Model	LCI-101	LCI-102
Capacity	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	
Illumination	12 Watts Fluorescent Lamp	
Shelves/ Load per Shelf	3/15 kg	
Inner Dimension	500x450x670 mm	580x540x800 mm
Overall Dimension	625x657x1270 mm	705x747x1500 mm
Power	750 W	1000 W
Power Supply	220 V, 60 Hz	
Weight (Net/Gross)	96.5/105 kg	117/127 kg
Catalog No.	9341195472	9341196472