



**CO<sub>2</sub>**

INCUBATOR

Water Jacketed





## Water Jacket CO<sub>2</sub> Incubator LWCI-300 Series

Labocon Water Jacket CO<sub>2</sub> Incubator LWCI-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**

- High Quality electrolyte polishing stainless surface
- Smooth fillet inner wall to reduce unnecessary internal surface area and effective cleaning of inner wall.
- Smooth transparent glass for observation of real objects.
- Glass door can be heated to prevent the production of condensed water and microorganism.
- The special HEPA high effective filter, with the filtering efficiency of 99.998% for granule with diameter larger than 0.3 $\mu$ m effectively filter bacteria and dust.
- Advanced fuzzy logistic PID control and menu operating interface.
- High precise gas sensor is applied, automatic start function is provided.
- Special interface for PC test program is written, monitored and saved with special PC software; test data is directly displayed and printed.
- Electronic program controlled incubator applies drawer, which is easy for disassembly, installation and maintenance.
- Intelligent alarm, temperature deviation alarm and CO<sub>2</sub> density deviation alarm functions are provided.
- Over temperature protection system is provided to guarantee the safety.

### **APPLICATION**

Labocon CO<sub>2</sub> Incubator Water Jacketed is applicable in research and production of microorganisms, for cells, tissue and bacteria cultivation. It is ideal to be used in the fields of immunology, oncology, genetics and biological engineering.



✔ **Technical Specification:**

Model No.	LWCI-301	LWCI-302
Capacity	185 L	
Temperature Sensor	PT1000	
Ambient Temperature	20°C	
Temp. Range	RT +5 to -55°C	
Temp. Accuracy	0.1°C	
Temp. Control Alarm	≥ ±0.1°C (adjustable)	
Ambient Humidity	50% RH	
HEPA Filter	Available	
CO2 Sensor	TCD	IR
Inner Dimension	540x505x680 mm	
Overall Dimension	660x630x1105 mm	
Power Supply	220V 50/60 Hz	
Catalog No.	9341112472	9341113472



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