

# Biochemical Incubator LBCI-A1 Series



### Biochemical Incubator LBCI-A10

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Biochemical Incubator LBCI-A10 is a thermostatic incubator designed with microprocessor controlled system offers 100 L capacity and 0 to 60°C temperature range. Designed with stainless steel chamber, adjustable shelves, and glass door for clear visualization unit. High quality compressor, and CFC free refrigerant ensures stable running, efficient cooling, energy saving and protecting environment. Equipped with test holes on both side and RS485 interface which connects with computer or recorder. Used in water analysis, BOD measurement, incubation, cultivation of bacteria, moulds, and in breeding experiments.

### Biochemical Incubator LBCI-A11

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Biochemical Incubator LBCI-A11 is a thermostatic incubator designed with microprocessor controlled system offers 150 L capacity and 0 to 60°C temperature range. Designed with stainless steel chamber, adjustable shelves, and glass door for clear visualization unit. High quality compressor, and CFC free refrigerant ensures stable running, efficient cooling, energy saving and protecting environment. Equipped with test holes on both side and RS485 interface which connects with computer or recorder. Used in water analysis, BOD measurement, incubation, cultivation of bacteria, moulds, and in breeding experiments.

### Biochemical Incubator LBCI-A12

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Biochemical Incubator LBCI-A12 is a thermostatic incubator designed with microprocessor controlled system offers 250 L capacity and 0 to 60°C temperature range. Designed with stainless steel chamber, adjustable shelves, and glass door for clear visualization unit. High quality compressor, and CFC free refrigerant ensures stable running, efficient cooling, energy saving and protecting environment. Equipped with test holes on both side and RS485 interface which connects with computer or recorder. Used in water analysis, BOD measurement, incubation, cultivation of bacteria, moulds, and in breeding experiments.

### Biochemical Incubator LBCI-A13

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Biochemical Incubator LBCI-A13 is a thermostatic incubator designed with microprocessor controlled system offers 400 L capacity and 0 to 60°C temperature range. Designed with stainless steel chamber, adjustable shelves, and glass door for clear visualization unit. High quality compressor, and CFC free refrigerant ensures stable running, efficient cooling, energy saving and protecting environment. Equipped with test holes on both side and RS485 interface which connects with computer or recorder. Used in water analysis, BOD measurement, incubation, cultivation of bacteria, moulds, and in breeding experiments.

### Features

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- Microcomputer PID control system
- Digital LCD display
- Patented technology offers: Integrated type refrigeration system, multiplex protection, safe running, and energy saving unit
- 0 to 60°C temperature range
- Stainless steel inner chamber with adjustable shelf
- Shell body of cold rolling steel with plastic coating
- Programmable design set 10 segments 99 cycles
- Air duct design ensures precise temperature and better uniformity
- Air flow refresh device
- High quality compressor for cooling system
- CFC free refrigerant
- Double type door design observation window
- Auto-defrosting function
- Equipped with test hole and RS485 interface
- Over temperature alarm function
- Recovery from power failure for parameter memory and date

### Application

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Used in scientific research institutions, universities, manufacturing enterprises for analysis BOD determination of water, bacteria, biochemical, microbiological culture protection, health and epidemic prevention, drug testing, farm livestock, aquaculture, plant cultivation and breeding.

## Biochemical Incubator LBCI-AI Series

### Specification

Model no.	LBCI-A10	LBCI-A11	LBCI-A12	LBCI-A13
Capacity	100 L	150 L	250 L	450 L
Temperature range	0 to 60°C			
Accuracy	± 0.5°C			
Ambient temperature	0 to 60°C			
Temperature fluctuation	± 0.5°C			
Temperature uniformity	± 1°C			
Temperature resolution	0.1°C			
Chamber material	Stainless steel			
Test hole	Internal diameter: 30 mm and external diameter: 60 mm			
Timer range	0 to 9999 min			
Refrigerant	CFC free refrigerant			
Number of shelves	2 pcs	3 pcs	4pcs	
Display	LCD display			
Power	1000 W		1100 W	1350 W
Power supply	220 V 50 Hz			
Internal dimension	490 × 390 × 610 mm	510 × 390 × 760 mm	510 × 450 × 1090 mm	600 × 640 × 1050 mm
External dimension	630 × 680 × 1250 mm	650 × 680 × 1400 mm	650 × 740 × 1726 mm	745 × 930 × 1695 mm
Net weight	91 kg	103 kg	144 kg	175 kg
Gross weight	109 kg	128 kg	170 kg	249 kg

### Optional accessories

Accessories no.	Accessories name
1.	Printer