

Lighting Incubator LLI-A1 Series



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Lighting incubators are a light illuminating incubators run under microprocessor PID control system. Available with different lighting illumination (lx) range and various capacity, these incubators are used for rearing mosquitos, insects, low cost germination and other applications.

Lighting Incubator LLI-A10

Lighting incubator LLI-A10 is a 2 side light illuminating incubator runs under microprocessor PID control system with lighting illumination of 0 to 12000 lx. Offers two types of temperature control range: with illumination 10 °C to 50 °C and without illumination 5 °C to 50 °C. Polished stainless steel chamber with 3 (pcs) shelves. Chamber capacity of 250 L has ambient temperature of 5 °C to 35 °C can work continuously up to ≥ 180 hour.

Lighting Incubator LLI-A11

Lighting incubator LLI-A11 is a 2 side light illuminating incubator runs under microprocessor PID control system with lighting illumination of 0 to 15000 lx. Offers two types of temperature control range: with illumination 10 °C to 50 °C and without illumination 5 °C to 50 °C. Polished stainless steel chamber with 3 (pcs) shelves. Chamber capacity of 350 L has ambient temperature of 5 °C to 35 °C can work continuously up to ≥ 180 hour.

Lighting Incubator LLI-A12

Lighting incubator LLI-A12 is a 2 side light illuminating incubator runs under microprocessor PID control system with lighting illumination of 0 to 20000 lx. Offers two types of temperature control range: with illumination 10 °C to 50 °C and without illumination 5 °C to 50 °C. Polished stainless steel chamber with 4 (pcs) shelves. Chamber capacity of 450 L has ambient temperature of 5 °C to 35°C can work continuously up to ≥ 180 hour.

Features

- Microprocessor PID temperature control system
- 2 side illumination
- LCD display
- 3 pcs shelves (LLI-A10, LLI-A11), 4 pcs shelves (LLI-A12)
- Polished stainless steel chamber
- Round angle structure, easy to clean
- R134a refrigerant (CFC-free refrigerant, eco-friendly)
- Over temperature protection

Applications

Used in the field of pharmacy, chemical industry, environmental industry, agriculture industry and for scientific research. It finds detailed applications in culturing plants, breeding, preservations, other constant temperature and lighting experiments.

Specification

Model no	LLI-A10	LLI-A11	LLI-A12
Capacity	250 L	350 L	450 L
Illumination type	2 side illumination		
Light source	Fluorescent lamp		
Lighting illumination	0 to 12000 lx	0 to 15000 lx	0 to 20000 lx
Illumination control	6 degrees adjustable		
Temperature range	With illumination: 10 to 50 °C, without illumination: 5 to 50 °C		
Temperature control	0.1 °C		
Temperature accuracy	± 1 °C		
Temperature uniformity	± 1 °C	± 2 °C	
Refrigerant	R134a (CFC-free refrigerant, eco-friendly)		
Ambient temperature	5 °C to 35 °C		
Number of Shelves	3 (pcs)	3 (pcs)	4 (pcs)
Continuous working time	≥ 180 h		
Power	640 W	1600 W	1750 W

Power supply	AC220 V \pm 10 %, 50/60 Hz		
Internal dimension (W \times D \times H)	555 \times 450 \times 1100 mm	550 \times 550 \times 1200 mm	700 \times 550 \times 1200 mm
External dimension (W \times D \times H)	680 \times 680 \times 1760 mm	880 \times 800 \times 1900 mm	1030 \times 800 \times 1900 mm
Packaging dimension (W \times D \times H)	820 \times 800 \times 1920 mm	940 \times 990 \times 2080 mm	940 \times 1140 \times 2080 mm
Net weight	120 kg	140 kg	165 kg
Gross weight	150 kg	160 kg	185 kg

Optional accessories

Accessories no.	Accessories name
1	Independent temperature, limited control system
2	Test hole
3	BOD socket
4	Printer
5	UV lamp
6	RS485 interface