



## CLIMATIC CHAMBER BCPG-102

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## CLIMATE (LIGHT) CHAMBER



Balanced refrigeration, small temperature fluctuations, and set the automatic defrost, multiple layers of security protection, required to meet the long-running, with the well-known international brand compressor with delay protection function and smooth running.

Introduction of green philosophy, the use of Freon R134 refrigerant and make the system more energy efficient, healthier environment.

The temperature control system with upgraded LCD display, programmable microcomputer intelligent PID control technology, with timing, ultra-high temperature alarm function.

The unique air circulation, soft wind, to ensure temperature uniformity.

Illumination five levels can be adjusted, liner is made of mirror stainless steel, up and down pitch adjustable shelf.

## SPECIFICATIONS

| Model                              | BCPG-102                                               |
|------------------------------------|--------------------------------------------------------|
| Temp range (°C)                    | With illumination 10~60°C, With no illumination 5~60°C |
| Humidity range (%)                 | 50%~90%, humidity fluctuation ±5%RH                    |
| Temperature uniformity values (°C) | ±1                                                     |
| Illumination (LX)                  | 0~15000                                                |
| Illumination set range             | Five level (20%, 40%, 60%, 80%, 100%)                  |
| Timing range                       | 0~99h                                                  |
| Power (W)                          | 1000                                                   |
| Voltage (V)                        | 220                                                    |
| Accuracy (°C)                      | ±0.1                                                   |
| Volume (L)                         | 250                                                    |
| Inner size (mm) (H*W*D)            | 1000x550x450                                           |
| Overall dimension (mm) (H*W*D)     | 1775x785x750                                           |
| Packing size (mm) (H*W*D)          | 1925x860x830                                           |
| Net weight (KG)                    | 155                                                    |
| Shipping weight (KG)               | 165                                                    |
| Alt Name                           | Illumination (Ray radiation) incubator                 |

## ACCESSORIES FOR PURCHASE

| No | Name             |
|----|------------------|
| 1  | portable printer |
| 2  | RS232 port       |
| 3  | gas outfit       |
| 4  | electric outfit  |



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## FEATURES

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The double door design, built-in tempered glass viewing window, the items inside can be clearly observed.

Artificial climate chamber with built-in high-capacity intelligent humidification systems, and automatic replenishment by the external tank.



Mirror stainless steel

High temperature resistance, fire resistance, corrosion resistance, can be recycled.



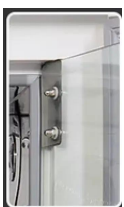
Professional lighting system:

Using a three-surface light source, use mirror stainless steel in the cavity as reflective material, so that the lighting effect is better, and the light source classification is adjustable.

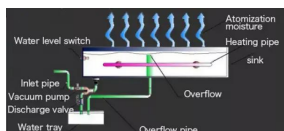


Double door:

Internal toughened glass door, easy to observe, outer silicone seal ring, good sealing.



Silicone sealing ring:  
High quality silicone seals, high temperature, good sealing.



Humidifying system:  
Original Humidification Design, Automatic Water Filling Design, Automatic Water Level Control, Precise Addition and Control of Humidity, SUS304 Stainless Steel in the Inner Chamber and Water Tank, Guaranteed Atomization Quality and Persistence.



Fluorine-free balanced refrigeration system:  
Using fluorine-free R134 refrigerant, energy-saving and efficient, green, with inlet and outlet.



Switch:  
There is a power switch on the side, safe use of electricity.



Cold rolled steel plate:  
Shell using environmentally friendly electrostatic treatment, high quality cold rolled steel plate.



Lighting tube:  
High-intensity fluorescent lamp, adjustable in illuminance.



Intelligent temperature controller:

Intelligent LCD temperature controller, intuitive display, stable measurement and control, easy to operate.

## APPLICATIONS

Applies to plant seed germination, seedling cultivation, the cultivation and preservation of bacteria, microbes, small animals, insects, feeding, product quality testing and other uses of light, constant temperature experiments. Simulate natural climate and environment, through the light control simulation during the day and night, the humidity inside (this feature is limited to artificial climate incubator, the temperature can be adjusted to a constant temperature degree is an ideal environment test equipment for such as biology, medicine, agriculture and animal husbandry, forestry, environmental science research departments.



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