



## CLIMATIC CHAMBER BCCL-201

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## INCUBATOR

Widely used in biological tissue, cell culture, seed germination, plant cultivation, small animal and insect feeding. Artificial Climate Chamber, Lighting Incubator can simulate day and night illumination change and climatic conditions, to meet the multi-segment ladder programming control. According to Chinese pharmacopoeia requirements, AS3100 of Australia, FDA of the United States, EN, ICH and other related standards. For long-term culture experiments. IQ, OQ, PQ and other related certification services. CE certification. Two-year warranty period.



### Refrigeration Technology

World famous compressor: balanced refrigeration technology, auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving.

Auto-defrost function: original rapid heat pump defrost technology, for continuous operation, effectively prevents frost because of continuous operation of evaporator.

Refrigeration effect manual control system: meet customer's terrible work environment.

Imported DuPont SUVA R134a environmental refrigerant. For a cleaner world, for better work conditions.

To save energy, to reduce the cost.

## SPECIFICATIONS

| Model                       | BCCL-201                                            |
|-----------------------------|-----------------------------------------------------|
| Convection Mode             | Forced Convection                                   |
| Control System              | Thirty stages Microprocessor PID controller         |
| Temp. range                 | 10~65°C (with lighting) / 0~60°C (without lighting) |
| Temp. resolution            | 0.1                                                 |
| Temp. Fluctuation (10-40°C) | ±1                                                  |
| Illumination Range          | 0~15000 (five stages adjustable)                    |
| Timer Range                 | 0~99 Hours, 0~9999 minutes, can be chose            |
| Working environment         | Ambient temperature: 10~30°C, Humidity<70%          |
| Insulation materials        | Imported environmental protection type material     |
| Interior materials          | SUS304 Stainless steel materials                    |
| Power supply voltage        | Single phase AC220V/50Hz                            |
| Temp. Uniformity (10-40°C)  | ±1                                                  |
| Humidity Range              | N/A                                                 |
| External Dimensions (HxWxD) | 1780x710x775                                        |
| Internal Dimensions (HxWxD) | 1100x480x480                                        |
| Interior Volume (L)         | 250                                                 |
| Standard tray number        | 3                                                   |
| Standard power (W)          | 1350                                                |
| Net Weight (KG)             | 162                                                 |
| Shipping Weight (KG)        | 172                                                 |
| Shipping Dimensions (HxWxD) | 1965x800x900                                        |
| Alt Name                    | Lighting Incubator                                  |



## ACCESSORIES FOR PURCHASE

| No | Name                                                 |
|----|------------------------------------------------------|
| 1  | Portable printer                                     |
| 2  | LCD touchscreen controller                           |
| 3  | Air Interface                                        |
| 4  | Power supply interface                               |
| 5  | Software                                             |
| 6  | Adjustable diaphragms illuminator                    |
| 7  | Different lighter, resulting in the desired spectrum |

## FEATURES

### Refrigeration Technology

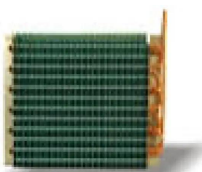
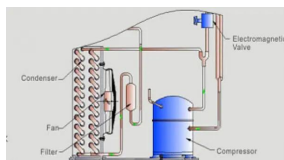
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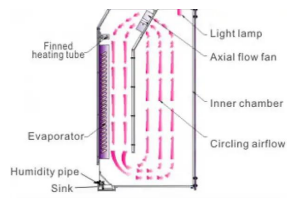
To save energy, to reduce the cost.



Perfect Air Current Cycling

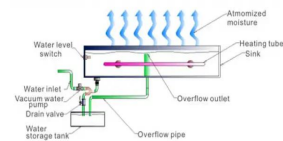
Air current cycling: perfect forced convection, maximum samples number of working room, minimum temperature recovery time after opening, world famous axial fan, perfect air current design, ensure an ideal result of samples culture.

Air current cycling: keep temperature continuous and stable, keep humidity continuous and stable, ensure perfect sample culture environment.



## Humidification System

- Original design of humidification system, to prevent disadvantages (non-uniformity, instability) of traditional atomizer design.
- Automatic water intake, automatic water level control, ensure the precision of humidity control.
- Stainless steel SUS304 internal surface and water tank, ensure the quality of atomization and use persistence.



## Programmable PID Control

Integrated dot-matrix LCD display, Chinese and English subtitles, all the parameters display clearly at a glance. friendly design, display parameters: temperature, humidity, illumination, circle, stage, running time, run/stop.

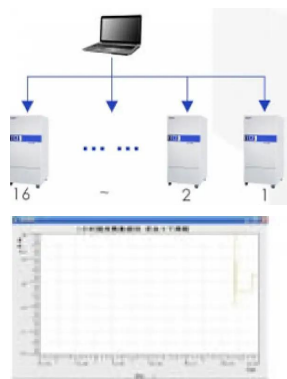
Adaptive PID controllers precisely control the temperature and humidity, prevent temperature soaring, keep the working room temperature stable and uniform.

User password protection, built-in multifunctional memory menu, connect to multiple devices (up to 16 units) by RS485 interface, real-time monitoring.

Programmable multi-sections control, to meet customer needs, temperature and humidity and illumination control up to 30 sets. Time setting: 0~99h, 0~9999m, programs can be executed automatically.

Set operations with beep tips

Remote-controlled operation, with programmable software (option).



## Software Monitor



Excellent Imported Temperature And Humidity Sensor

Imported industrial temperature sensor PT100, short response time, low self-heating temperature.

Imported humidity sensor, aerospace material, no maintenance, precise humidity control level.



Pt100temperature sensor



Precise humidity sensor



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