



## CLIMATIC CHAMBER BCCL-403-E

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Our chambers provide excellent temperature and lighting control for regulated growth of plants and other products. Its responsive humidification sensor and energy efficient design make it a preferred choice for a wide range of applications.

Used in Supports plant and insect growth, tissue cultivation, antibiotic cultivation and preservation and other controlled temperature experiments..

Also known as Humidity Chamber, Laboratory Climatic Chamber.

## BCCL-403-E CLIMATIC CHAMBER

- Manual defrost function
- 5-level automatic defrosting function, stable and non-fluctuating temperature and humidity, meets GMP, FDA-required frost-free operation (20 degrees or more)
- Logging, audit trail function
- Adjustable wind speed control function (not available in BCCL-401 & 404 model)
- Electronic signature function that meets FDA requirements to ensure more realistic test data
- Data real-time recording and export function (USB encryption export or host computer serial port export)
- Fault monitoring, alarm, recording and export functions (USB encryption export or PC serial port export)
- 4 level password function: login password, operator password, administrator password, advanced administrator password
- Three power-off mode selection functions: power failure recovery, stop or restart
- Data history and historical curve query and download functions
- Maximum support for expanding 32GTF memory cards, which can store at least 10 years of data
- Ambient temperature detection function
- PDF data export function (exported by PC software)
- Computer monitoring software monitoring and synchronization control function, support 32 devices
- Simultaneous control (BCCL-403 & 404)
- Network function for remote monitoring
- Mobile APP remote monitoring function
- GPRS SMS alarm function
- Water level monitoring and automatic water replenishment
- Provide communication code, access and pharmaceutical enterprise integrated equipment management platform

## SPECIFICATIONS

|                          |                     |
|--------------------------|---------------------|
| Model                    | BCCL-403-E          |
| Capacity                 | 1100 L              |
| Temperature Range        | 0~70°C              |
| Working Room Temperature | 5~35°C              |
| Temperature Uniformity   | ±0.8°C (at 40°C)    |
| Temperature Sensor       | Imported electronic |
| Humidity Range           | 10~95% RH           |
| Humidity Fluctuation     | ±1.5% RH            |

|                              |  |
|------------------------------|--|
| Frost-free area              | Frost-free operation above 20 degrees  |
| Display Resolution           | 7 inch touch screen  |
| Log, audit trail function    | Yes  |
| Electronic signature         | Yes  |
| Mobile APP                   | Yes  |
| Curve display function       | Yes  |
| Level 4 permissions          | Yes  |
| Adjustable wind speed        | Yes  |
| Data logging and export      | Yes  |
| Printer (micro)              | Optional   |
| Computer monitoring software | Optional   |
| Shelves                      | 4 shelves  |
| Safety Protection            | Compressor overheat protection, over temperature protection, water shortage protection, overload protection, fan overheat protection |
| Inner Dimension              | 1250x735x1200 mm   |
| Overall Dimension            | 1430x1195x1800 mm  |
| Weight (Net/Gross)           | 310 kg   |
| Programm Control             | Fuzzy intelligent P.I.D control  |
| Cooling po Wer               | 1000 W   |
| Heating tube po Wer          | 3000 W   |
| Humidification tube po Wer   | 2000 W   |
| Power Supply                 | 220V 50/60Hz   |



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)