



# CLIMATIC CHAMBER BCCL-404-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-404-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-404-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



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