



## ENVIRONMENTAL CHAMBER BGI-3409

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HIGH-LOW TEMPERATURE (ALTERNATE) TEST CHAMBER



### Humanized design

- New fluorine-free design.
- Dry and wet ball type or capacitance type multifunctional humidity controller, can be used for set multi periods programmable.
- High-precision temperature and humidity sensors, long life, easy to operate.
- Standard with a  $\phi 25\text{mm}$  or  $\phi 50\text{mm}$  test hole on the left side of the chamber.
- Internal water bath easy to be pulled out to add water.

### Quality Assurance

- Unique air circulation system to ensure the temperature and humidity uniformly.
- 304 stainless steel chamber, semicircular arcs at corners for easy cleaning.
- Intelligent programmable controller.

## SPECIFICATIONS

|                               |   |
|-------------------------------|---|
| Model                         | BGI-3409  |
| Temperature Range             | B: $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ ; |
| Temperature Stability         | $\pm 0.5^{\circ}\text{C}$                           |
| Temperature Uniformity        | $\pm 2^{\circ}\text{C}$                             |
| Interior Dimension (WxDxH,mm) | 800x700x900   |
| Electrical Requirement        | AC380V 50Hz   |
| Power Consumption             | 4000W   |
| Packing Dimension             | 136*112*217   |
| CBM                           | 3.31  |
| Net Weight                    | 340.00  |
| Gross weight                  | 469   |
| Alt Name                      | High-low temperature test chamber                   |



## FEATURES

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#### Safety function

- Independent temperature-limited alarm system ensures experiments run safely.
- High temperature, low and over-temperature alarm function.
- Compressor over-heat and over-load protections, fan motor overheat and water-lack protections.

#### Convenient data processing (option)

- RS485 or USB connector can connect computer to record and print the parameters and the variations of temperature.(option)

#### Programmable touch screen controller (option)

- Colorfull LCD touch screen controller, easy to observe and operation.
- Display current temperature and humidity curves.
- 100 groups with 1000 period's 999 circulations, max timing for each period is 99 hours 59 minutes.
- With screen lock function to avoid change the data or shut down by manual touch.
- With P.I.D automatic calculation function, it could correct the temperature and humidity conditions immediately.
- With RS-232 or RS-485 connector.
- It can monitor and control 9 sets equipments at the same time if install the professional software in computer.
- Real-time analysis and store the data by computer, it's convenient to print the Excel documents or Word documents.

#### Options:

- Independent temperature-limiting Alarm system
- RS485 connector and software



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