



## CLIMATIC CHAMBER BGI1BI42

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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                         | BGI1BI42                                    |
|-------------------------------|---------------------------------------------|
| Temperature Range             | 60°C ~150°C                                 |
| Temperature Stability         | ±0.5°C                                      |
| Temperature Uniformity        | ±2°C                                        |
| Humidity Range                | 30~95%RH                                    |
| Humidity Stability            | ±3%RH                                       |
| Interior Dimension (WxDxH,mm) | 500x400x600                                 |
| Electrical Requirement        | AC380V 50Hz                                 |
| Power Consumption             | 9300W                                       |
| Alt Name                      | High-low temperature &humidity 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



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

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