



CLIMATIC CHAMBER BGI1BI31

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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	BGI1BI31
Temperature Range	20°C ~150°C
Temperature Stability	$\pm 0.5^\circ\text{C}$
Temperature Uniformity	$\pm 2^\circ\text{C}$
Humidity Range	30~95%RH
Humidity Stability	$\pm 3\%\text{RH}$
Interior Dimension (WxDxH,mm)	400x380x450
Electrical Requirement	AC220V 50Hz
Power Consumption	3750W
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



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