



## STABILITY TEST CHAMBER BGI1BG7 (BTST-1507)

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## MEDICINE STABILITY TESTING CHAMBER



- Microprocessor controller (with timing function)
- Fluorine-free design, R134a refrigerant.
- Microprocessor control, 304 stainless steel chamber, semicircular arcs at corners for easy cleaning
- Even air circulating system.
- 2 imported compressors and fan motor, 2 cooling systems ensure experiments run safely in long time.
- Over temperature and temperature difference alarms, humidity difference alarms.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- Imported humidity sensor which can be used in high humidity environment.

## SPECIFICATIONS

Model	BGI1BG7
Old Model	BTST-1507
Temperature control range	0~65°C without illumination 15~50°C with illumination
Temperature Stability	±0.5°C
Temperature Uniformity	±2°C
Humidity Range	25~95%RH
Humidity Stability	±3%RH
Illumination	0~6000LX adjustable
Illumination difference	≤±500LX
Timing Range	1~99 hours each period
Humidity and temp adjusting	Balance temperature and humidity adjusting
Cooling system/cooling mode	Two sets of imported compressor work rotationally
Controller	Programmable (LCD screen)
Sensor	Temp: Pt100, Humidity: capacitance sensor
Ambient Temperature	RT+5~30°C
Electrical Requirement	AC220V 50Hz
Operating Power	Appr.680W
Rated Power	2950W
Chamber Volume	150L
Interior Dimension (WxDxH,mm)	550x405x670
External Dimension (WxDxH,mm)	550x806x1530
Shelves	3(3pcs)
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections
Remark	1. Build in Embedded Printer. 2. Paperless recorder (Option). 3. GSD series products have installed intensity of illumination detector.
Alt Name	Medicine Stability Testing Chamber

## FEATURES

Microprocessor controller (with timing function)

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- Over temperature and temperature difference alarms, humidity difference alarms.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- Imported humidity sensor which can be used in high humidity environment.
- Balance temperature and humidity adjusting system.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement.
- UV light system for periodic sterilization of chamber.(Option)
- RS485 connector can connect computer record and inspect the parameters and the variations of temperature.(Option)

Programmable Touch Screen

- Large LCD screen to display more data at same time
- English operation menu, display current data curves
- 100 groups with 1000 periods 999 circulations, max timing for each period is 99 hours 59 minutes.
- Auto lock after setting data.

Safety device:

- Compressor over-heat protection
- Fan over-heat protection
- Over-temperature alarm system
- Over-compressing protection
- Over-load protection
- Water lack protection

Storage conditions for long-term retention sample stability test

Temperature:  $+25^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Humidity:  $60 \pm 5\% \text{RH}$

Time: 12 months

Storage conditions for accelerated stability test

Temperature:  $+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Humidity:  $70 \pm 5\% \text{RH}$

Time: 6 months

Illumination under strong light conditions:  $4500 \pm 500 \text{LX}$

Above related parameter is for reference only.

\* With model "P" with Programmable Touch Screen

\* With model "G" with Light



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