



## STABILITY TEST CHAMBER BTST-1512

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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                         | BTST-1512                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature control range     | 0~65°C without illumination15~50°C with illumination                                                                                              |
| Temperature Stability         | ±0.5°C                                                                                                                                            |
| Temperature Uniformity        | ±2°C                                                                                                                                              |
| Humidity Range                | /                                                                                                                                                 |
| Humidity Stability            | /                                                                                                                                                 |
| Illumination                  | 0~6000LX adjustable                                                                                                                               |
| Illumination difference       | ≤±500LX                                                                                                                                           |
| Timing Range                  | 1~99 hours each period                                                                                                                            |
| Humidity and temp adjusting   | Balance temperature adjusting                                                                                                                     |
| Cooling system/cooling mode   | Two sets of imported compressor work rotationally                                                                                                 |
| Controller                    | Programmable (LCD screen)                                                                                                                         |
| Sensor                        | Temp: Pt100                                                                                                                                       |
| Ambient Temperature           | RT+5~30°C                                                                                                                                         |
| Electrical Requirement        | AC220V 50Hz                                                                                                                                       |
| Operating Power               | App.450W                                                                                                                                          |
| Rated Power                   | 1700W                                                                                                                                             |
| Chamber Volume                | 250L                                                                                                                                              |
| Interior Dimension (WxDxH,mm) | 600x500x830                                                                                                                                       |
| External Dimension (WxDxH,mm) | 740x880x1680                                                                                                                                      |
| Shelves                       | 3/4(4pcs)                                                                                                                                         |
| Safety Device                 | Compressor overheating and overpressure protection, Fan overheating protectionOver temperature protection, Overload protection, Water protections |
| Remark                        | 1. Build in Embedded Printer.2. Paperless recorder (Option).3. GP series products have installed intensity of illumination detector.              |
| Packing Dimension             | 103*86*189                                                                                                                                        |
| CBM                           | 1.67                                                                                                                                              |
| Net Weight                    | 205.00                                                                                                                                            |
| Gross weight                  | 270                                                                                                                                               |
| Alt Name                      | Medicine Stability Testing Chamber                                                                                                                |

## FEATURES

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- 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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