



STABILITY TEST CHAMBER BTST-404-D

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Stability test chamber is a reliable solution for managing stability and stress testing. Designed with laser processing technology and microprocessor controlled, it gives you interruption free long term operation. Durable interiors along with safety features make it an ideal option.

Used in Especially designed to perform shelf life and stability studies on drug substances and drug products. Compatible for long term stability test for food and vaccines..

Also known as Stress Testing Chamber, Laboratory Stability Test Chamber.

BTST-404-D STABILITY TEST CHAMBER

Ambient temperature detection function

5-level automatic defrosting function, stable and non-fluctuating temperature and humidity, meeting GMP, FDA-required frost-free operation (20 degrees or more)

Manual defrost function

Logging, audit trail function and export function (USB encryption export or host computer serial port export)

Wind speed adjustable control function

Total illumination and UV intensity control function (based on the total amount of 1.2 million LUX glare and near-ultraviolet light 200W.hr/m² total)

Have an electronic signature function that meets FDA requirements to ensure that test data is more objective

Data real-time recording and export function (USB encryption export or host computer serial port export)

Fault monitoring, alarm, recording and export functions (USB encryption export or host computer serial port export)

4 level password function: login password, operator password, administrator password, senior administrator password

Three power-off mode selection functions: power failure recovery, stop or restart

Historical data and historical curve query and download functions

Maximum support for expanding 32GTF memory cards, which can store at least 10 years of data

PDF data export function (exported by PC software)

PC software monitoring and synchronization control functions, supporting up to 32 devices for simultaneous control

Network function for remote monitoring

Mobile APP remote monitoring function

GPRS SMS alarm function

Water level monitoring and automatic water replenishment

Provide communication code, access and drug enterprise integrated equipment management platform

SPECIFICATIONS

| | |
|--------------------------|---|
| Model | BTST-404-D |
| Capacity | 750 L |
| Temperature Range | 0~70°C (Plus light source plus 10 °C) |
| Working Room Temperature | 5~35°C |
| Temperature Uniformity | ±0.8°C (at 40°C) |
| Humidity Range | 20~95% RH |
| Humidity Fluctuation | ±3% RH |

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|---|--|
| Humidity Sensor | Imported electronic |
| Frost-free area | Frost-free operation above 20°C |
| Illumination Range | 6000 Lux±500 Lux |
| Light Source | D65, 6500K |
| Visible light sensor | Not configurable |
| UV lamp sensor | Not configurable |
| Near ultraviolet wavelength | 320~400 nm |
| Near-ultraviolet fluorescent lamp intensity | 0~5W/m ² |
| Display Resolution | LCD display |
| Log, audit trail function | No |
| Electronic signature | No |
| Mobile APP | No |
| Curve display function | No |
| Level 4 permissions | Yes |
| Adjustable wind speed | No |
| Data logging and export | No |
| Printer (micro) | Optional |
| Computer monitoring software | Optional |
| Shelves | 4 shelves |
| Safety Protection | Compressor overheat protection, over temperature protection, water shortage protection, overload protection, fan overheat protection |
| Inner Dimension | 1250x500x1200 mm |
| Overall Dimension | 1410x950x1705 mm |
| Weight (Net/Gross) | 266 kg |
| Programm Control | Fuzzy intelligent P.I.D control |
| Cooling po Wer | 1000 W |
| Heating tube po Wer | 2500 W |
| Humidification tube po Wer | 2000 W |
| Power Supply | 220V 50/60Hz |



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