BioLAB

STABILITY TEST CHAMBER BTST-401-C

CE ISO**9001** CERTIFIED

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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-401-C 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-401-C
Capacity	450 L
Temperature Range	0~70℃ (Plus light source plus 10 ℃)
Working Room Temperature	5~35℃
Temperature Uniformity	±0.5℃ (at 40℃)
Humidity Range	25~80% RH
Humidity Fluctuation	±3% RH

Humidity Sensor	Imported electronic
Frost-free area	Frost-free operation above 20℃
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/m2
Display Resolution	LCD display
Log, audit trail function	No
Electronic signature	No
Mobile APP	No
Curve display function	No
Level 4 permissions	No
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	750x500x1200 mm
Overall Dimension	910x930x1785 mm
Weight (Net/Gross)	216 kg
Programm Control	Fuzzy intelligent P.I.D control
Cooling po Wer	800 W
Heating tube po Wer	2000 W
Humidification tube po Wer	1200 W
Power Supply	220V 50/60Hz