



EXTENSIBLE TEST CHAMBER



BXS-SI Series

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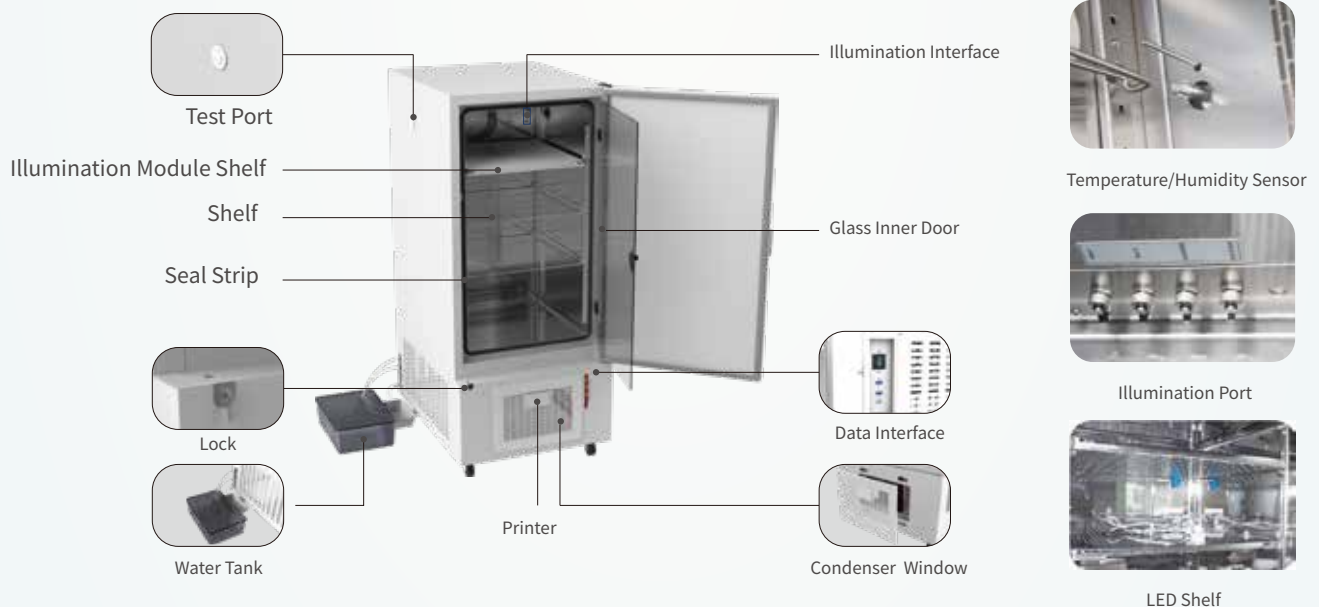
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Product Feature

- BRIGHT II control system can automatically compensate the value of control parameters according to the change of environment;
- Programmable multi-segment parameter setting: 30 segments 99 cycles design;
- The controller can store data records for more than 10 years (not stored by SD card), and record equipment events with exact time, and export them by U disk in unchangeable file format for viewing and backup, and trace the data;
- Multi-level permission operation
- Support data and curve online viewing;
- The circulating air volume can be adjusted manually according to the sample loading condition;
- Rapid recovery of temperature and humidity after opening the door;
- Protection function: upper and lower limit over temperature alarm, over temperature shutdown protection, door open alarm, sensor fault alarm, overload protection, leakage protection, compressor over temperature protection;
- Glass observation inner door design;
- Equipped with mechanical lock
- Equipped with printer.



Operating Main Interface



Log In



USB Export Interface

Model	BXS-150SI	BXS-250SI	BXS-400SI	BXS-800SI	BXS-1000SI	BXS-1600SI
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range [°C]	-10~85			0~85		
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C [°C]	±0.5					
Temp. Uniformity at 25°C [°C]	±1	±1	±1.5	±1.5	±2	±2
Power [W]	1300	1350	1400	2500	2600	2700
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	506×400×750	506×450×1100	600×610×1100	1200×610×1100	1200×760×1100	1400×850×1350
Housing Dimensions W×D×H [mm]	670×770×1455	670×817×1805	762×978×1805	1365×980×1800	1365×1130×1800	1562×1220×2040
Number of Shelves (std./max.) [pc]	3 / 6	4 / 12	4 / 12	4 / 12	4 / 12	4 / 12
Door Type / Number of Shelves per Layer [pc]	One Side / 1			Side-by-side / 1		
Humidity Control Extended						
Temp. Range without Humidification [°C]	-10~85			0~85		
Temp. Range with Humidification [°C]	10~60					
Humidity Range [%]	15~98			20~98		
Humidity Fluctuation [%]	±3			±5		
Power [W]	1900	1950	2000	3100	3200	3300
Illumination (UV) Control Extended						
Temp. Range without Illumination [°C]	10~85			0~85		
Temp. Range with Illumination [°C]	0~85			10~85		
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m ²] *	0~2					
UV Spectral Range [nm] *	320~400					
Power [W]	1400	1450	1600	2850	2950	3050
Max. Number of Illumination(UV) Shelves [pcs]	1	4	4	4	4	4

Model	BXS-150SI	BXS-250SI	BXS-400SI	BXS-800SI	BXS-1000SI	BXS-1600SI
Humidity and Illumination (UV) Control Extended						
Temp. Range without Humidification and without Illumination [°C]	-10~85			0~85		
Temp. Range without Humidification and with Illumination [°C]	0~85			10~85		
Temp. Range with Humidification and without Illumination [°C]	10~60					
Temp. Range with Humidification and with Illumination [°C]	15~60					
Humidity Range [%]	15~98			20~98		
Humidity Fluctuation [%]	±3			±5		
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m ²] *	0~2					
UV Spectral Range [nm] *	320~400					
Power [W]	2000	2050	2200	3450	3550	3650
Max. Number of Illumination (UV) Shelves [pcs]	1	4	4	4	4	4
Net Weight /Gross Weight [kg]	132/140	172/198	200/226	305/330	340/390	440/620
Package Size [mm]	830*980*1660	830*1030*2010	930*1190*2010	1510*1160*2010	1510*1310*2010	1710*1400*2250