

EXTENSIBLE TEST CHAMBER



BXS-I Series

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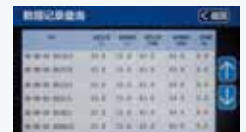


Product Feature

- BRIGHT I 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 5 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, water shortage 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



Data Query



Users



USB Export Interface



Lighting Interface



Glass Lock Group



Water Tank



Light

Model	BXS-150I	BXS-250I	BXS-400I	BXS-800I	BXS-1000I	BXS-1600I
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range [°C]	0~70					
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	2900	3000	3100
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123	1363×800×1500
Housing Dimensions W×D×H [mm]	650×820×1400	650×880×1724	745×1070×1695	1362×1068×1789	1362×1168×1789	1562×1238×2039
Number of Shelves (std./max.) [pc]	3/4	4/7	4/7	8/16	8/16	8/16
Door Type / Number of Shelves per Layer [pc]	One Side / 1	One Side / 1	One Side / 1	Side-by-side / 2	Side-by-side / 2	Side-by-side / 2
Humidity Control Extended						
Temp. Range without Humidification [°C]	0~70					
Temp. Range with Humidification [°C]	10~60					
Humidity Range [%]	25~95			30~95		
Humidity Fluctuation [%]	±3			±5		
Power [W]	1900	1950	2000	3500	3600	3700
Illumination (UV) Control Extended						
Temp. Range without Illumination [°C]	0~70					
Temp. Range with Illumination [°C]	10~70					
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m ²] *	0~2					
UV Spectrum Range [nm] *	320~400			320~400		
Power / Number of Illumination Shelf [W/pc]	1400 / 1	1450 / 1	1600 / 1	3250 / 2	3350 / 2	3450 / 2
Max. Number of Illumination(UV) Module Shelf [pc]	1					
Max. Number of Illumination(UV) Source Shelves [pcs]	1	2	2	5	5	7

Model	BXS-150I	BXS-250I	BXS-400I	BXS-800I	BXS-1000I	BXS-1600I
Humidity and Illumination (UV) Control Extended						
Temp. Range without Humidification and without Illumination [°C]				0~70		
Temp. Range without Humidification and with Illumination [°C]				10~70		
Temp. Range with Humidification and without Illumination [°C]				10~60		
Temp. Range with Humidification and with Illumination [°C]				15~60		
Humidity Range without illumination [%]	25~95				30~95	
Humidity Range with illumination [%]	30~95				35~95	
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 / Number of Illumination Shelf [W/pc]	2000 / 1	2050 / 1	2200 / 1	3850 / 2	3950 / 2	4050 / 2
Number of Illumination Module Shelf [pc]				1		
Max. Number of Illumination(UV) Source Shelves [pcs]	1	2	2	5	5	7
Net Weight / Gross Weight [kg]	115/142	133/162	158/190	310/366	340/390	440/620
Package Size [mm]	790*860*1610	790*930*1930	890*1110*1900	1640*1090*2040	1640*1180*2040	1640*1360*2300