



Biochemical(Mold) Incubator

--Environmentally friendly balanced heating cooling

with more uniform temperature

SPX (MJ) SERIES



Scope:

For environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and production departments. A special constant temperature equipment for the analysis of the BOD determination of water, bacteria, biochemical, microbiological culture protection, plant cultivation, breeding.

Structure features:

- the refrigeration system adopts high-quality well-known brand compressors with time-delay protection function and stable operation. It introduces the concept of green environmental protection and uses environmentally friendly refrigerant to make the system more energy-saving and efficient and make the environment healthier;

- Reasonable air duct circulation system to ensure uniform temperature of working room.
- mirror stainless steel interior, Shelf spacing and shelf number can be adjusted,BOD socket is inbuilt
- Intelligent microcomputer PID LED control, touch type parameter setting button, Balanced dual system control heating and cooling, without temperature surge. with timing and over temperature alarm functions.
- Large viewing angle observation window, the inner tank is equipped with lighting device to facilitate observation (for SPX series)
- UV light sterilization function,sterilization after each experiment to reduce cross infection. (for SPX-MJ series).
- The temperature range of the "H" series can reach 90 °C, and high-temperature sterilization can be carried out after each experiment to reduce cross infection.
- There is a drainage channel at the bottom of the inner tank, which effectively collects condensed water generated by long-term operation.

Technical Parameters:

Model	Inner size (mm) (H*W*D)	Interior Volume (L)	Overall dimension (mm) (H*W*D)	Power (KW)	Temp range (°C)	Temp. Accuracy (°C)	Temp. Fluctuation (°C)
SPX-50S (H)	450×350×320	50	980×490×570	0.35	0~65 (90)	±0.1	±0.5%
SPX-70S (H)	500×400×320	70	1020×540×570	0.35	0~65 (90)	±0.1	±0.5%
SPX-100S (H)	580×450×380	100	1100×590×620	0.35	0~65 (90)	±0.1	±0.5%
SPX-150S (H)	800×500×380	150	1350×640×660	0.45	0~65 (90)	±0.1	±0.5%
SPX-250S (H)	1000×550×450	250	1550×690×660	0.7	0~65 (90)	±0.1	±0.5%
SPX-100S-A	580×450×380	100	1460*650*700	1	-10~65	±0.1	±0.5%
SPX-150S-A	800×500×380	150	1680*700*700	1.2	-10~65	±0.1	±0.5%
SPX-250S-A	1000×550×450	250	1880*750*770	1.4	-10~65	±0.1	±0.5%
SPX-100S-B	580×450×380	100	1460*650*700	1.2	-20~65	±0.1	±0.5%
SPX-150S-B	800×500×380	150	1680*700*700	1.3	-20~65	±0.1	±0.5%
SPX-250S-B	1000×550×450	250	1880*750*770	1.6	-20~65	±0.1	±0.5%
SPX-100S-C	580×450×380	100	1460*650*700	4	-40~65	±0.1	±0.5%
SPX-150S-C	800×500×380	150	1680*700*700	5	-40~65	±0.1	±0.5%
SPX-250S-C	1000×550×450	250	1880*750*770	6	-40~65	±0.1	±0.5%

H: 0~90°C A: -10~+65°C B: -20~+65°C C: -40~+65°C

1. The low-temperature series (H, A, B, C) will be delivered 10 days after the order is placed.

2. Each layer of board can bear a maximum weight of 20KG

Caution: Before purchasing the SPX 250, it is necessary to measure the dimensions of the door and elevator to avoid the chamber being too large to enter.

Optional accessories:

1. programmable controller
2. test hole
3. shaker
4. RS485 Computer interface
5. Stainless steel perforated layer plate



test hole



RS485 interface

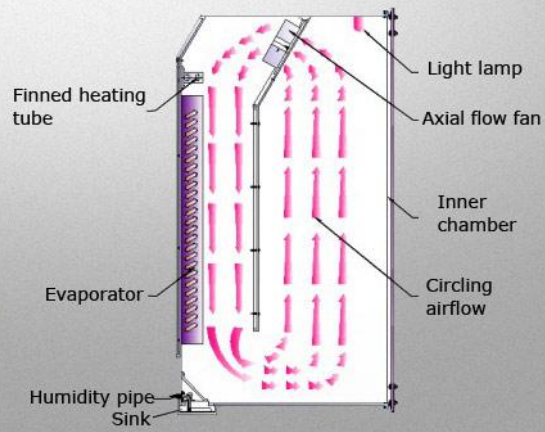


shaker





⊕ Stainless steel liner



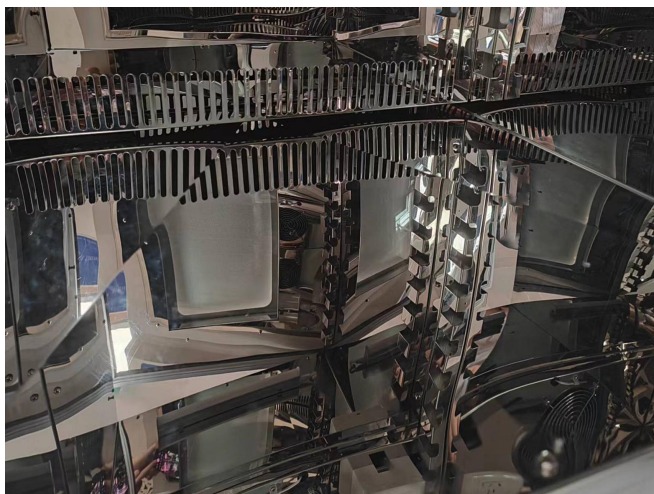
⊕ ALLFLOW™ perfect Air Current Cycling



⊕ Without fluorine R134a refrigeration compressor




⊕ Lighting system and BOD socket



Design with drainage groove in the inner

Comparison of biochemical-humidity-climate chamber

	SH/S H-MJ	WS/ WS- MJ	LC	RG	SPX/S PX-M J	LRH/ LRH- MJ	GZP	PQH
Controller								
Programmable control system	●	●	●	●			●	●
PID LCD (touch screen)	●	●	●	●				
PID LCD					●	●	●	●
Chamber material								
SUS304 St.steel	●	●	●	●		●	●	●
201 St.steel					●			
Motor fan								
High temperature resistant bearing	●	●	●	●				
Heat element								
St.steel	●	●	●	●	●	●	●	●
RS232 port	●	●	●	●				
Remote control	●	●	●	●				
ALLCOLD balanced refrigeration	●	●	●	●	●	●	●	●
ALLFLOW circulation	●	●	●	●	●	●	●	●
ALLSENS temp.control	●	●	●	●		●	●	●
ALLIGENT humidification		●		●		●		●
Pro-Bright light system			●	●			●	●
Save energy insulation	●	●	●	●				
UV function	“MJ” ●	“MJ” ●			“MJ” ●	“MJ” ●		
Refrigeration capacity control	●	●	●	●				
Brand accessories								
Brand compressor	●	●	●	●	●	●	●	●

Environmental protection refrigerant	●	●	●	●	●	●	●	●
ST bi type thyristor	●	●	●	●				
Philip chip	●	●	●	●				
Taiwan opitcal coupler	●	●	●	●				
SENSIRION sensor	●	●	●	●				
Auto defrost	●	●	●	●	●	●	●	●
Cut-off memory	●	●	●	●	●	●	●	●
Door seal material	Silicone+magnetic				Magnetic	Silicone+magnetic		
insulation	polyurethane				polyurethane			
Temp.accuracy°C	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1
Temp.fluctuation	±0.5 %	±0.5%	±1%	±1%	±0.5%	±0.5%	±1-1.5 %	±1-1.5 %
humidification		●		●		●		●
Humidity fluctuation		±2%		±3%		±2%		±3%
Light function			●	●			●	●
timer	●	●	●	●	●	●	●	●
Over-temperature alarm	●	●	●	●	●	●	●	●
warranty	3 years				2 years			

KENTON APPARATUS LTD.

Manufacture of drying oven, lab incubator, climate chamber, laminar flow cabinet, biological safety cabinet(OEM,ODM)

KENTON APPARATUS LTD. Was found in 1999, production plant was set in Guangzhou,China.It is mainly engaged in production,sales and export of laboratory thermostatic equipment and biological scientific equipment,and has provided high-quality products and services for professional laboratories and scientific research .institutions at domestics and abroad for many years.

We relies on an international professional R & D team to keep the design and technology of products in step with the world and constantly seek breakthroughs.

Since its establishment, the company has been focusing on thermostatic equipment products in related fields. Now it is a high-tech enterprise integrating science, industry and trade. Its business covers China, Southeast Asia, America, Europe, Australia and other countries.

At the same time, based on the business philosophy of "walking with scientific researchers", and taking advantage of the company's geographical advantages, the

company has carried out extensive communication and exchange with scientific researchers in different regions for many years, and carried out long-term follow-up services to users, constantly improving the function and quality of products, so that products can better meet the requirements of users.

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