

UV Sterilization Cabinet

Application:

It is suitable for sterilizing high temperature resistant appliances, glass sugar porcelain cups, ceramics, production supplies, currency, non-woven fabric, composite paper, cleaning appliances, tableware, towels, clothes, shoes, packaging materials and other products. The use of three-sided high intensity sterilization, the use of ultraviolet and ozone synergistic sterilization, ozone disinfects areas not exposed to UV rays, kill the surface of the virus or bacteria.



Technical Parameters:

Model	BJPX-SVO200	BJPX-SV200
Type	With ozone	Without ozone
UV Ray Wavelength	253.7/184.9nm	253.7nm
Sterilization Way	2 sides of UV ray+1 side of ozone	3 sides of UV ray
Capacity	200L	
Power	120W	
UV Lamp Material	Quartz glass	
Shelves	Standard 2pc, can be optional	
Internal Size(mm)	518*523*778	
External Size(mm)	750*663*1200	
Packing Size(mm)	875*788*1265	
Gross Weight(kg)	100	

Recommended UV Exposure Time:

Microorganism Species	Exposure Dose	Exposure Time
Bacterial Propagules	$\geq 10000 \text{ uw.s/cm}^2$	10min
Bacterial Spores	$\geq 100000 \text{ uw.s/cm}^2$	10min
Virus	$10000 \text{ uw.s/cm}^2 \leq \text{Exposure Dose} \leq 100000 \text{ uw.s/cm}^2$	10min
Fungal Spores	General Exposure Dose 100000 uw.s/cm^2 , Special Exposure Dose 600000 uw.s/cm^2	60min
When the target microorganism is unknown	$\geq 100000 \text{ uw.s/cm}^2$	10min

Remarks: The suitable temperature range for ultraviolet disinfection is 20°C~40°C. If the temperature is too high or too low, the disinfection effect will be affected, and the disinfection time can be appropriately extended.