

Biological Safety Cabinet Class III



Specification of Biological Safety Cabinet Class III

Model	ST-BSC-1100III X	ST-BSC-1500III X
External Size (W x D x H)	1540 x 880 x 2000 mm	1790 x 880 x 2080 mm
Internal Size (W x D x H)	910 x 650 x 660 mm	1165 x 650 x 660 mm
Pass Box Size (W x D x H)	Internal Size: 430 x 330 x 355mm External Size: 575 x 425 x 495mm	
Gloves	One pair of 800mm butyl rubber gloves	
Front Window	8 mm toughened glass, anti-ultraviolet radiation	
Display	LCD display	
Pre-filter	Polyester fiber, washable	
Pressure	≥ negative 120 Pa	
ULPA Filter	Air supply filter: Efficiency 99.999% at 0.12µm First exhaust filter: Efficiency 99.999% at 0.12µm Second exhaust filter: Efficiency 99.999% at 0.12µm	
Noise	NSF 49 ≤61dB/EN 12469 ≤48dB	
Airflow Volume	440-870cfm	
Alarm	Audio and visual alarm, abnormal pressure; filter replacement	
Work Zone Material	304 stainless steel	
Illumination	≥ 1000 lux	
Consumption	1200W	1300W
Fluorescent Lamp	12W x 2	16W x 2
UV Lamp	18W x 2, 8W x 1	30W x 2, 8W x 1,
	Emission of 253.7 nanometers for most efficient decontamination	
Power Supply	AC220V±10%, 50/60 Hz; 110V±10%, 60Hz	
Gross Weight	350kg	450kg
Package Size (W x D x H)	1635 x 1062 x 2160mm	1890 x 1065 x 2240mm
Standard Accessories	Gloves, fluorescent lamp, UV lamp x 4, remote control, pressure meter, drain valve	

Advantage:

1. With memory function in case of power-failure.
2. UV lamp ensures work area sterilization effectively.
3. An angled cabinet front ensure an ergonomic working posture.
4. Exhaustair is double-filtered through high-quality ULPA filters with typical efficiency of 99.999% for 0.12µm particles

Air Pattern of Class III Biosafety Cabinet:

