



Features

1. Class II biosafety cabinet, air flow mode: 70% air recirculation, 30% air exhaust;
2. It conforms to nsf49 and en12469 standards;
3. LCD screen can display the working area temperature, air flow rate, service life of the filter membrane and the password settings to prevent misoperation.
4. Equipped with filter failure alarm, fan overload alarm, height limit (200mm) alarm. When The fluctuation of downflow velocity and inflow velocity exceeds 20% of nominal value, the interlocking system will start alarm;
5. With UV appointment timing function.
6. The front window can be positioned in any position, and can be completely closed for sterilization, material use toughened glass more than 6mm.
7. Interlock design of front window and uv lamp: when the front window is opened, the uv lamp is off.
8. Parameter memory function after power failure.
9. 10° tilt design, meet the ergonomics design.
10. Equipped with waterproof socket, the whole machine has power-off protection function.

Specifications

Parameter / model	BSC-1200 II A2	BSC-1500 II A2	BSC-1800 II A2
Cleanliness grade	HEPA: ISO level 5 (Class 100 of 100) / ULPA: ISO level 4 (class 10 of 10)		
Filter level / efficiency	HEPA : ≥99.995% , @0.3μm/ULPA : ≥99.999% , @0.12μm		
Descent wind speed	0.33m/s		
Suction air speed	≥0.53m/s		
Noise	≤65dB		
Vibration half peak	≤5μm		
Power / maximum power consumption	AC 220V/50HZ / 1KW		
Biosafety personnel protection	CFU of all impact samplers ≤ 10, CFU of slit samplers ≤ 5		
Product protection	CFU of all sampling dishes ≤ 5		
Cross contamination protection	CFU of all culture dishes ≤ 2		
Overall dimension of device	1165*760*2200 mm	1465*760*2200 mm	1765*760*2200 mm
Workspace size	1000*520*640 mm	1300*520*640 mm	1600*520*640 mm
Specification of air supply filter	990*470*70*(①)	1290*470*70*(①)	1590*470*70*(①)
Specification of exhaust air filter	650*450*90*(①)	830*450*90*(①)	1130*450*90*(①)
Lamp / UV lamp	30W*(②)/30W*(①)	40W*(②)/40W*(①)	
Illuminance	≥900LX		
Weight	240kg	270kg	300kg
Applicable operator	1 person	1-2 person	2-3 person
Wind direction	Top out		