Horizontal Laminar Flow Cabinet

LCD Display
Airflow velocity, UV timer, UV work time, system work time, real time.
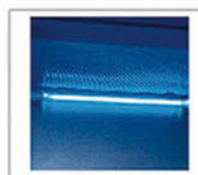
Glass side window
The transparent side glass maximizes the lighting and visibility inside the cabinet, providing an open working environment.

Waterproof Socket
2 waterproof sockets are located in the top panel, optimum convenience of using small devices inside the cabinet.

UV Lamp
Emission of 254 nanometers for most efficient decontamination. The radiation intensity is not less than 400mW/m².

Foot-master Caster
Universal aster with brake and leveling feet.

ADVANTAGE

1. Horizontal laminar flow, single-sided operation;
2. Made of high-quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet;
3. Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
4. Work zone is made of SUS304 material, beautiful and corrosion resistance;
5. Footmaster casters design, convenient cabinet movement and fixation;
6. LCD screen, real-time display of running status (air velocity, timer, UV lamp time, HEPA filter running time);
7. With ultraviolet lamp, fan appointment timing function;
8. Unit conversion function, which switches units between PA and m/s;
9. The UV lamp is turned on after 5S to protect the safety of the operators;
10. Perfect alarm system:
(1) Ultra-high filter pressure alarm
(2) Filter failure replacement alarm
(3) Low wind speed alarm
11. Interlocking function: UV lamp and fan, fluorescent lamp.

TECHNICAL PARAMETERS

Model	BBS-H800	BBS-H1100 (Previous name: BBS-DDS)	BBS-H1300(X)	BBS-H1500 (Previous name: BBS-SDS)	BBS-H1800(X)
External Size(W*D*H)	800*808*1690mm	1100*808*1690mm	1300*808*1690mm	1500*808*1690mm	1800*808*1890mm
Internal Size(W*D*H)	700*500*600mm	1000*500*600mm	1200*500*600mm	1400*500*600mm	1700*500*800mm
Work Surface Height	750mm				
Display	LCD display				
Airflow Velocity	0.30~0.45m/s				
Material	Working area: 304 stainless steel; Main body: 1.0mm cold-rolled steel with anti-bacteria powder coating; Glass side window: 8mm toughened glass, anti-UV.				
Pre-Filter	Polyester fiber, washable				
HEPA Filter	One, 99.995% efficiency at 0.3μm				
Noise	≤65dB(A)				
Illumination	≥300lx				
Vibration	≤5μm(rms)				
Safety	Colonies Number ≤ 0.5CFU/30min				
Clean Level	ISO Level 5(Class 100)				
Waterproof Sockets	Two sockets, Max. Power: 500W (For BBS-H800/1300); 1000W (For BBS-H1100/1500/1800(X));				
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)				
Consumption	750W	1200W	800W	1300W	1400W
LED Lamp	8W*1	12W*1	12W*1	16W*1	16W*2
UV Lamp	20W*1	20W*1	30W*1	30W*1	20W*2
	Emission of 253.7 nanometers				
Standard Accessories	LED lamp; UV lamp*2; Base stand; Waterproof socket*2; Hook*10				
Optional Accessory	Electric height adjustable base stand				
Package Size(W*D*H)	940*1030*1350mm	1240*1030*1350mm	1440*1030*1350mm	1640*1030*1350mm	1940*1030*1550mm
Gross Weight	133kg	175kg	195kg	216kg	255kg