Horizontal Laminar Flow Cabinet

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. The front and side Windows are made of 5mm thick tempered glass;
6. Footmaster casters design, convenient cabinet movement and fixation;
7. LCD screen, real-time display of running status (air velocity, timer, UV lamp time, HEPA filter running time);
8. With ultraviolet lamp, fan appointment timing function;
9. Unit conversion function, which switches units between PA and m/s;
10. Equipped with UV light, LED light, waterproof sockets;
11. Perfect alarm system:
(1) Ultra-high filter pressure alarm
(2) Filter failure replacement alarm
(3) Low wind speed alarm
12. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

TECHNICAL PARAMETERS

Model	BBS-H1300-I	BBS-H1800-I
External Size(W*D*H)	1300*820*1940mm	1800*820*1940mm
Internal Size(W*D*H)	1200*550*570mm	1700*550*570mm
Work Surface Height	750mm	
Max Opening	430mm	
Display	LCD display	
Airflow Velocity	0.30~0.5m/s	
Material	Working area: 304 stainless steel; Main body: 1.0mm cold-rolled steel with anti-bacteria powder coating; Front window: 5mm toughened glass, anti-UV.	
Pre-Filter	Polyester fiber	
HEPA Filter	One, 99.995% efficiency at 0.3μm	
Front Window	Motorized	
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: 1000W	
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	
Consumption	1400W	1500W
LED Lamp	12W*1	16W*2
UV Lamp	30W*1	30W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2.Gas tap	
Package Size(W*D*H)	1450*1060*1540mm	1940*1060*1540mm
Gross Weight	255kg	325kg

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.
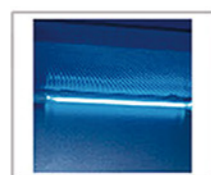
Gas Tap

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.