



## Horizontal Laminar Flow Cabinet



E-mail: [export@biobase.com](mailto:export@biobase.com)  
[www.biobase.cc](http://www.biobase.cc) / [www.biobase.com](http://www.biobase.com)



**LCD Display**  
 Airflow velocity, UV timer, UV work time, system work time, real time.



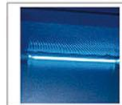
**Glass side window**  
 The transparent side glass maximizes the lighting and visibility inside the cabinet, providing an open working environment.



**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/m<sup>2</sup>.



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

## ADVANTAGE

- Horizontal laminar flow, single-sided operation;
- Made of high-quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet;
- Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
- Work zone is made of SUS304 material, beautiful and corrosion resistance;
- The front and side Windows are made of 5mm thick tempered glass;
- Footmaster casters design, convenient cabinet movement and fixation;
- LCD screen, real-time display of running status (air velocity, timer, UV lamp time, HEPA filter running time);
- With ultraviolet lamp, fan appointment timing function;
- Unit conversion function, which switches units between PA and m/s;
- Equipped with UV light, LED light, waterproof sockets;
- Perfect alarm system:
  - Ultra-high filter pressure alarm
  - Filter failure replacement alarm
  - Low wind speed alarm
- 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