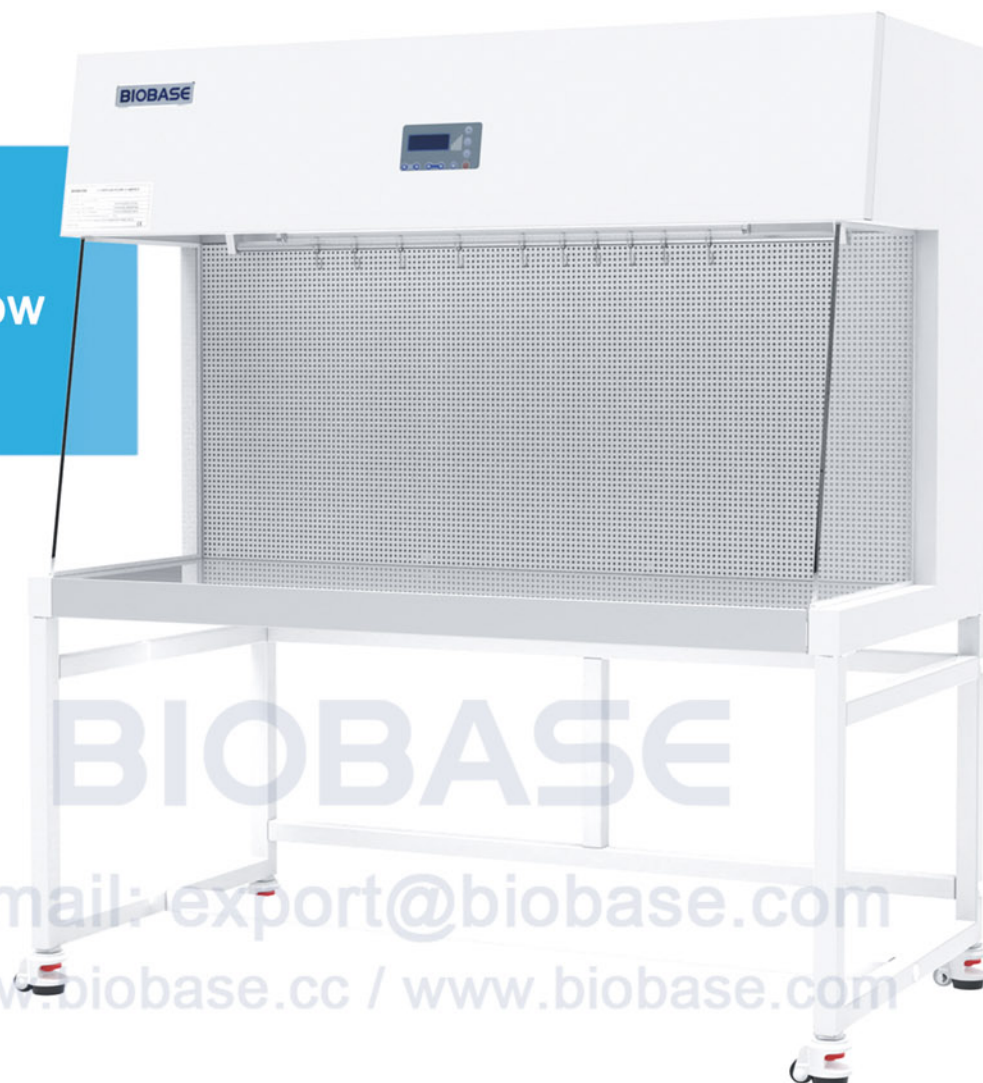




## Horizontal Laminar Flow Cabinet



### LCD Display

Airflow velocity, UV timer, UV work time, system work time, real time.



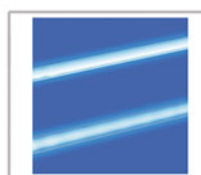
### Glass side window

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/m<sup>2</sup>.



### 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<br>(Previous name: BBS-DDS) | BBS-H1300(X)     | BBS-H1500<br>(Previous name: BBS-SDS) | BBS-H1800(X)     |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|---------------------------------------|------------------|
| External Size(W*D*H) | 800*808*1690mm                                                                                                                                                  | 1100*810*1740mm                       | 1300*808*1690mm  | 1500*810*1740mm                       | 1800*808*1890mm  |
| Internal Size(W*D*H) | 700*500*600mm                                                                                                                                                   | 1000*550*600mm                        | 1200*500*600mm   | 1400*550*600mm                        | 1700*500*800mm   |
| Work Surface Height  | 750mm                                                                                                                                                           | 800mm                                 | 750mm            | 800mm                                 | 750mm            |
| Display              | LCD display                                                                                                                                                     |                                       |                  |                                       |                  |
| Airflow Velocity     | 0.30~0.45m/s                                                                                                                                                    |                                       |                  |                                       |                  |
| Material             | Working area: 304 stainless steel;<br>Main body: 1.0mm cold-rolled steel with anti-bacteria powder coating;<br>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                                                                                                                                                            | 1250W                                 | 800W             | 1250W                                 | 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            |