Vertical Laminar Flow Cabinet

ADVANTAGE

1. Vertical laminar flow, single-sided operation;
2. The shell is electrostatically sprayed with 201 stainless steel, featuring good looks and stability;
3. Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
4. The 7° inclination design of the front window adheres to the ergonomic principle, thereby reducing the sense of oppression for the operator;
5. Work table is made of SUS304 material, beautiful and corrosion resistance;
6. The front and side Windows are made of 5mm thick tempered glass;
7. Footmaster casters design, convenient cabinet movement and fixation;
8. The control panel adopts touch-sensitive switches. The keys consist of the fan key, lighting key, ultraviolet key, power key, socket key, air volume reduction key, and air volume increase key, making it easy to operate.
9. LCD screen, real-time display of running status (air velocity, timer, UV lamp time, HEPA filter running time);
10. The fan has 8-speed adjustment to adapt to different types of experiments.
11. With ultraviolet lamp, fan appointment timing function;
12. Unit conversion function, which switches units between PA and m/s;
13. Equipped with UV light, LED light, waterproof sockets;
14. Perfect alarm system:
(1) Ultra-high filter pressure alarm
(2) Filter failure replacement alarm
(3) Front window opening safe height alarm
(4) Low wind speed alarm
15. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

TECHNICAL PARAMETERS

Model	BBS-SDC(Customized)
External Size(W*D*H)	1625*660*1950mm
Internal Size(W*D*H)	1500*600*750mm
Work Surface Height	750mm
Max Opening	400mm
Safety Height	200~350mm
Display	LCD display
Airflow Velocity	0.40~0.6m/s
Material	Work table: 304 stainless steel; Main body: electrostatically sprayed with 201 stainless steel; Front window: 5mm toughened glass, anti-UV.
Pre-Filter	Polyester fiber
HEPA Filter	One, 99.995% efficiency at 0.3μm
Front Window	Manual
Noise	≤65dB(A)
Illumination	≥800lx
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
LED Lamp	16W*2
UV Lamp	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2
Package Size(W*D*H)	1805*970*1450mm
Gross Weight	260kg

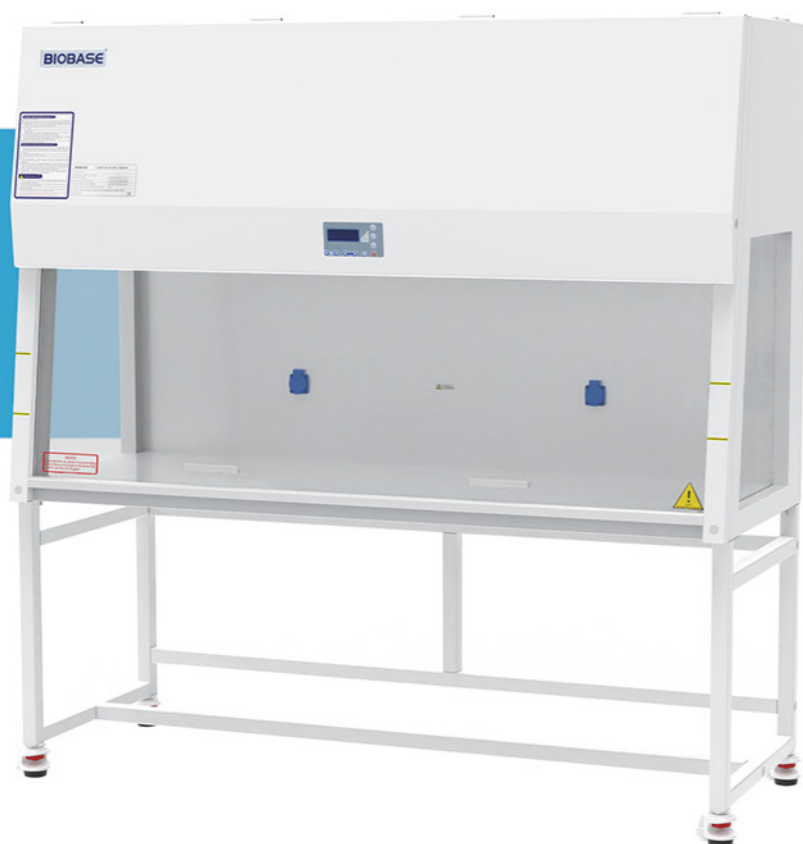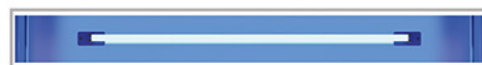### Glass Side Window
The transparent side glass maximizes the lighting and visibility inside the cabinet, providing an open working environment
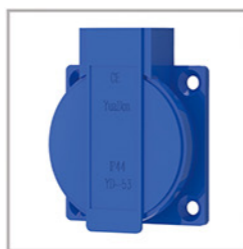

LCD Display
Airflow velocity, UV timer, UV work time, system work time, real time.

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.
The radiation intensity is not less than 400mW/m²

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

Foot-master Caster
Universal aster with brake and leveling feet