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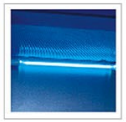
Laminar Flow Hoods

Horizontal Laminar Flow Cabinet

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

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

Side Glass Window
The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

Gas Tap

TECHNICAL PARAMETERS

Model	BBS-H1300	BBS-H1800
External Size（W*D*H）	1300*820*2040mm	1800*820*2070mm
Internal Size（W*D*H）	1200*500*570mm	1700*500*570mm
Work Surface Height	750mm	
Display	LCD Display	
Airflow Velocity	Average of 0.3~0.5m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel Side and Front Window: 5mm toughened glass, anti-UV	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3μm	
Noise	<65dB	
Front Window	Motorized	
Max Opening	430mm	
LED Lamp	12W*1	16W*2
UV Lamp	30W*1	30W*1
	Emission of 253.7 nanometers	
Consumption	400W	500W
Waterproof Socket	Two, total load≤500W	
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2 Water tap(only for BBS-H1800)	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	254kg	328kg
Package Size(W*D*H)	1450*1060*1650mm	1950*1030*1540mm

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Horizontal Laminar Flow Cabinet

LCD Display

Microprocessor control system, LCD display

Waterproof Socket

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

Side Glass Window

The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

TECHNICAL PARAMETERS

Model	BBS-H1100 (Previous name: BBS-DDS)	BBS-H1500 (Previous name: BBS-SDS)	BBS-H1800(X)
External Size (W*D*H)	1100*808*1690mm	1500*808*1690mm	1800*808*1890mm
Internal Size (W*D*H)	1000*500*600mm	1400*500*600mm	1700*500*800mm
Work Surface Height	750mm		
Display	LCD Display		
Airflow Velocity	Average of 0.30~0.45m/s		
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel Side Windows: 8mm toughened glass, anti-UV		
Pre-Filter	Polyester fiber, washable		
HEPA Filter	99.999% efficiency at 0.3μm		
Noise	≤65dB(A)		
LED Lamp	12W*1	16W*1	16W*2
UV Lamp	20W*1	30W*1	20W*2
	Emission of 253.7 nanometers		
Consumption	200W	300W	400W
Waterproof Socket	Two, total load≤500W		
Caster	Universal caster with leveling feet		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Standard Accessory	LED lamp, UV lamp*2, Base stand, Waterproof socket*2, Hook*10		
Optional Accessory	Electric height adjustable base stand		
Gross Weight	170kg	185kg	240kg
Package Size(W*D*H)	1250*1030*1340mm	1650*1030*1340mm	1950*1050*1550mm

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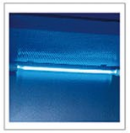
Vertical Laminar Flow Cabinet

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

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

Gas Tap



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

Side Glass Window
The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

TECHNICAL PARAMETERS

Model	BBS-V1300	BBS-V1800
External Size（W*D*H）	1300*750*2040mm	1800*750*2040mm
Internal Size（W*D*H）	1200*645*610mm	1700*645*610mm
Work Surface Height	750mm	
Display	LCD Display	
Airflow Velocity	Average of 0.3~0.5m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel Side and Front Windows: 5mm toughened glass anti-UV	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3μm	
Noise	<65dB	
Front Window	Motorized	
Max Opening	430mm	430mm
LED Lamp	12W*1	16W*1
UV Lamp	30W*1	40W*1
	Emission of 253.7 nanometers	
Consumption	400W	450W
Waterproof Socket	Two, total load≤500W	
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	228kg	306kg
Package Size (W*D*H)	1460*1070*1650mm	1960*970*1600mm

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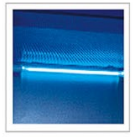
Vertical Laminar Flow Cabinet

---Double Sides Type

LED Display
Microprocessor control system, LED display



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination

Double Sides
Double sides work bench, operators can sit face to face

ADVANTAGE

1. With memory function in case of power-failure.
2. Double sides work bench, 2~4 operators can work together.

TECHNICAL PARAMETERS

Model	BBS-DSC	BBS-SSC
External Size (W*D*H)	1040*660*1770mm	1440*660*1770mm
Internal Size (W*D*H)	940*560*545mm	1340*560*545mm
Work Surface Height	750mm	
Display	LED Display	
Airflow Velocity	Average of 0.3~0.5m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3μm	
Noise	<65dB	
Front Window	Manual, 5mm toughened glass, anti-UV	
Max Opening	310mm	
UV Lamp	18W*1	30W*1
	Emission of 253.7 nanometers	
LED Lamp	12W*1	16W*1
Consumption	350W	600W
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Base stand	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	150kg	186kg
Package Size (W*D*H)	1190*890*1340mm	1590*890*1340mm

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Vertical Laminar Flow Cabinet

BBS-DDC/BBS-SDC

BBS-V680

BBS-V800

TECHNICAL PARAMETERS

Model	BBS-V680	BBS-V800	BBS-DDC	BBS-SDC
External Size (W*D*H)	680*410*1160mm	802*650*1550mm	1040*615*1770mm	1440*615*1770mm
Internal Size (W*D*H)	630*375*615mm	800*530*540mm	940*540*545mm	1340*540*545mm
Work Surface Height	/	660mm	750mm	750mm
Display	LED Display			
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable			
Material	Main Body: Cold-rolled steel with anti-bacteria power coating Work Table: 304 stainless steel(except model BBS-V680)			
Pre-Filter	Polyester fiber, washable			
HEPA Filter	99.999% efficiency at 0.3 μm			
Noise	<65dB			
Front Window	/	Manual, 5mm toughened glass, anti-UV		
Max Opening	/	490mm	310mm	310mm
Illuminating Lamp	Fluorescent lamp 14W*1	LED lamp 8W*1	LED lamp 12W*1	LED lamp 16W*1
UV Lamp	15W*1	20W*1	18W*1	30W*1
	Emission of 253.7 nanometers			
Consumption	160W	350W	350W	600W
Standard Accessory	Fluorescent lamp UV lamp*2 Water & gas tap	LED lamp UV lamp*2 Base stand	LED lamp UV lamp*2 Base stand	LED lamp UV lamp*2 Base stand
Optional Accessory	/	Electric height adjustable base stand		
Caster	/	Universal wheel with leveling feet		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Gross Weight	50kg	116kg	131kg	174kg
Package Size (W*D*H)	840*560*1380mm	960*800*1800mm	1200*850*1360mm	1600*850*1360mm

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Compounding Hood

BBS-V500 & BYKG-VII

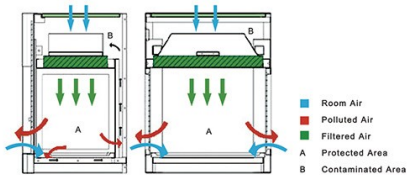
BBS-V600 & BYKG-VIII

BBS-V700 & BYKG-IX
BYKG-X & BYKG-XII

There are two types:

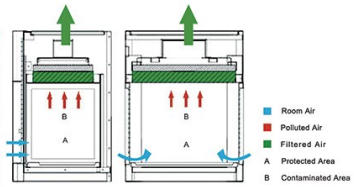
- Positive pressure in work area only protects sample.

BBS-V500	BBS-V600	BBS-V700
LED Display	LCD Display	LED Display
HEPA Filter	HEPA Filter	
Glass Front Window	Acrylic Front Window	



- Negative pressure in work area protects operator and environment.

BYKG-VII	BYKG-VIII	BYKG-IX	BYKG-X	BYKG-XII
LED Display	LCD Display	LED Display		
Active Carbon Filter, HEPA Filter	Active Carbon Filter		Active Carbon Filter, HEPA Filter	
Glass Front Window	Acrylic Front Window			



TECHNICAL PARAMETERS

Model		BBS-V500	BYKG-VII	BBS-V600	BYKG-VIII	BBS-V700	BYKG-IX	BYKG-X	BYKG-XII
External Size (W*D*H)		550*460*700mm		600*580*1060mm		700*620*1150mm		1000*620*1150mm	1200*620*1150mm
Internal Size (W*D*H)		480*340*370mm		580*520*610mm		640*550*700mm		940*550*700mm	1140*550*700mm
Display		LED Display		LCD Display		LED Display			
Airflow Velocity		0.3~0.5m/s	≥0.5m/s	0.3~0.5m/s	0.3~0.8m/s	0.3~0.5m/s	0.3~0.8m/s		
Material	Main Body	Cold-rolled steel with anti-bacteria powder coating							
	Work Table	304 stainless steel					Chemical resistant phenolic resin		
Pre-Filter		Polyester fiber, washable (for BBS-V500, BBS-V600 and BBS-V700)							
Filter		HEPA Filter	Active Carbon Filter, HEPA Filter	HEPA Filter	Active Carbon Filter	HEPA Filter	Active Carbon Filter	Active Carbon Filter,HEPA Filter	
Noise		≤60dB							
Front Window		Manual, 5mm toughened glass, anti UV		Manual, acrylic material					
Max Opening		310mm		590mm		660mm			
LED Lamp		4W*1				4W*2		12W*1	
UV Lamp		8W*1				15W*1			
		Emission of 253.7 nanometers							
Consumption		100W		150W		300W			400W
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz							
Standard Accessory		HEPA Filter, LED Lamp, UV Lamp*2.	Active Carbon Filter, HEPA Filter, LED Lamp, UV Lamp*2.	HEPA Filter, LED Lamp, UV Lamp*2, Waterproof Socket.	Active Carbon Filter, LED Lamp, UV Lamp*2, Waterproof Socket.	HEPA Filter, LED lamp*2, UV lamp*2	Active Carbon Filter, HEPA Filter(for model BYKG-X, BYKG-XII) LED lamp*2, 4 meters PVC exhaust duct, Pipe Strap.		
Optional Accessory		/		Base stand			Base Stand, UV Lamp*2		
Gross Weight		57kg		90kg		100kg		145kg	190kg
Package Size (W*D*H)		700*610*830mm		760*740*1280mm		840*760*1400mm		1140*740*1340mm	1340*740*1360mm

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