Labinox

BIOBASE®

BIOBASE GROUP

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BIOBASE®

INTRODUCTION

BIOBASE Group is a professional manufacturer of laboratory products since 1999. Our main products are Biosafety Cabinet (Class Ⅰ/Ⅱ/Ⅲ), Laminar Flow Cabinet, Fume Hood, Biochemistry Analyzer, Reagent, Autoclave and Incubator. We have 25 factories. Pursuing the highest quality is the tenet of BIOBASE. We hope everybody will enjoy BIOBASE service to keep away from the infectious disease.

Our advantages:

- We built an excellent research team which consists of 450 professional engineers.
- We have 24 years production experience and a strong technical production team. And we adopt high-tech and state-of-the-art production equipment from Italy, Japan, and Switzerland, etc.
- We have a strong quality control team to inspect all production stage, from the purchased accessories to the finished products.
- We have full sets of advanced quality assurance equipments.
- We have ISO9001 quality management system; ISO14001 environment management system, ISO13485, CE mark, MET and NSF 49 certificate (BSC-4FA2, BSC-2FA2-GL, BSC-2FA2-NA, BSC-3FA2-GL, BSC-3FA2-NA, BSC-4FA2-GL, BSC-4FA2-NA, BSC-6FA2-GL, BSC-6FA2-NA, BSC-4FB2-NA, BSC-4FB2-GL).
- We got EN 12469 certificate (BSC-2FA2-HA,BSC-3FA2-HA,BSC-4FA2-HA, BSC-3FA2, BSC-4FA2) for Biosafety Cabinet in 2013.

CERTIFICATES


EN 12469



MET


ISO 9001


ISO 13485


ISO 14001


CE-Biological Safety Cabinet


CE-Fume Hood


CE-Laminar Flow Cabinet


CE-Class I Biosafety Cabinet

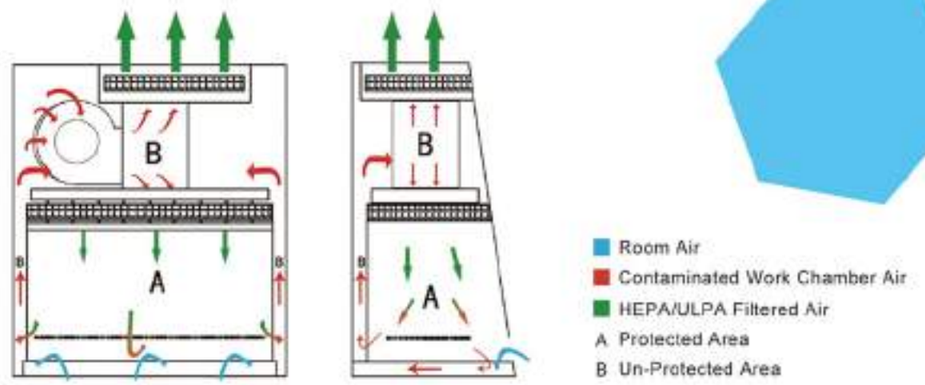


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Class II A2
Biological Safety Cabinet

Three protection: operator, sample and environment.
Airflow system: 70% air recirculation, 30% air exhaust
A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.



EN Certified Biological Safety Cabinet





Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Anti-paper dust structure



Wind Speed Sensor



Stepper Motor



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Footmaster Caster
Universal caster with brake and leveling feet.



European Standard Socket



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model		BSC-2FA2-HA
External Size(W*D*H)		700*700*2000mm
Internal Size(W*D*H)		600*500*540mm
Work Surface Height		750mm
Max Opening Height		350mm
Safe Operation Opening Height		200mm
Airflow Volume	Inflow	230m³/h(135cfm)
	Down flow	65%: 428 m³/h(252cfm)
	Exhaust	35%: 230m³/h(135cfm)
Front Window		Manual and electric, glass thickness> 5mm, anti-ultraviolet
ULPA Filter		2pcs, filtration efficiency for 0.12μm particles≥99.9995%
Illumination		≥1000Lux
Noise		EN12469≤65dB
Display		Color Touch Screen
European Standard Socket		230V, 3A
Power Supply		AC 230V, 50/60Hz
Rated Power		950W
Alarm		Alarm for abnormal wind speed, alarm for glass door not at safe height, alarm for abnormal power failure
Motor		EC motor, 230V acceptable, adjustable speed, high efficiency, low power
Material		Working Area: 304 stainless steel, side window glass; Frame and decorative plate: cold-rolled steel with anti-bacteria powder coating
LED Lamp		8W*2
UV Lamp		15W
Standard Accessory		Cabinet*1, Base stand*1, LED lamp*2, UV lamp*2, Drain ball valve*1, European Standard Socket*2
Optional Accessory		Arm rest, Formalin fumigation sterilizer, Infrared sterilizer S.S. water tap*2, S.S. gas tap*2
Package Size (W*D*H)		Carton: 820*880*1470mm
Gross Weight		168kg

EN Certified Biological Safety Cabinet





Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



SS Water tap &Gas tap



Anti-paper dust structure



Wind Speed Sensor



Footmaster Caster
Universal caster with brake and leveling feet.



Stepper Motor



European Standard Socket



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
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5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model		BSC-3FA2-HA	BSC-4FA2-HA
External Size(W*D*H)		1087*800*2260mm	1383*800*2260mm
Internal Size(W*D*H)		980*600*650mm	1280*600*650mm
Work Surface Height		750mm	
Max Opening		500mm	
Tested Opening		200mm	
Airflow Volume	Inflow	370m³/h(218cfm)	490m³/h(289cfm)
	Down flow	65%: 690 m³/h(406cfm)	65%: 910 m³/h(536cfm)
	Exhaust	35%: 370m³/h(218cfm)	35%: 490m³/h(289cfm)
Front Window		Manual and electric, glass thickness> 5mm, anti-ultraviolet	
ULPA Filter		2pcs, filtration efficiency for 0.12μm particles≥99.9995%	
Illumination		≥1000Lux	
Noise		EN12469≤65dB	
Display		Color Touch Screen	
European Standard Socket		230V, 3A	
Power Supply		AC 230V, 50/60Hz	
Rated Power		1100W	1200W
Alarm		Alarm for abnormal wind speed, alarm for glass door not at safe height, alarm for abnormal power failure	
Motor		AC motor, 230V acceptable, adjustable speed, high efficiency, low power	
Material		Working Area: 304 stainless steel, side window glass; Frame and decorative plate: cold-rolled steel with anti-bacteria powder coating	
LED Lamp		12W*2	14W*2
UV Lamp		20W	30W
Standard Accessory		Cabinet*1, Base stand*1, LED lamp*2, UV lamp*2, S.S. water tap*1, S.S. gas tap*1, Drain ball valve*1, European Standard Socket*2, Remote control	
Optional Accessory		Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, S.S. water tap*1, S.S. gas tap*1, Foot switch	
Package Size (W*D*H)		1240*1060*1880mm	1530*1060*1880mm
Gross Weight		270kg	345kg

EN Certified Biological Safety Cabinet

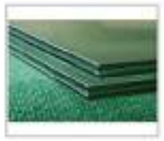




LCD Display
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.



Remote Control for Convenient Operation



Front Window
Laminated toughened glass, Anti UV



Footmaster Caster
Universal caster with brake and leveling feet.



SS Water tap &Gas tap



Waterproof Socket



Work Zone
Unibody design



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Large LCD display, all information displayed.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.

TECHNICAL PARAMETERS

Model		BSC-3FA2	BSC-4FA2
External Size(W*D*H)		1087*775*2265mm	1383*775*2295mm
Internal Size(W*D*H)		910*600*660mm	1210*600*660mm
Work Surface Height		750mm	
Max Opening		520mm (21")	550mm (22")
Tested Opening		Safety height 200mm (8")	
Airflow Volume	Inflow	348m³/h (205cfm)	462m³/h (272cfm)
	Downflow	65%: 649m³/h (382cfm)	65%: 863m³/h (507cfm)
	Exhaust	35%: 348m³/h (205cfm)	35%: 462m³/h (272cfm)
Front Window		Manual. Laminated toughened glass. Anti UV	
HEPA Filter		Two, 99.995% efficiency at 0.3μm, filter life indicator	
Filter Guard Type		Aluminum alloy frame	
Noise		EN 12469≤65dB	
Illumination		≥1000Lux	
Display		LCD Display	
Waterproof Socket		2, Total consumption: ≤500W	
Tap		Water tap*1, Gas tap*1	
Ground Resistance		≤ 0.10Ω	
Power Supply		AC230V, 50Hz	
Consumption		≤550W	≤650W
Alarm		Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm	
Motor		AC motor, 230V acceptable, Speed adjustable, high efficiency and low power consumption	
Material		Working area: 304 stainless steel Frame and decorative plate: cold-rolled steel with anti-bacteria powder coating	
UV Lamp		20W	30W
		Germicidal UV lamp, Emission of 253.7nanometers for most efficient decontamination, UV timer, UV life indicator	
LED lamp		10W*2	18W*2
Standard Accessory		LED lamp*2, UV lamp*2, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2, Stainless steel I.V. bar with 10 hooks, Remote control	
Optional Accessory		Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer Electric height adjustable base stand, Motorized front window	
Package Size (W*D*H)		1240*1060*1900mm	1540*1060*1900mm
Gross Weight		270kg	340kg

NSF Certified Class II A2 Biological Safety Cabinet



The front window glass can be lowered below the operating area





Display for BSC-2FA2-NA

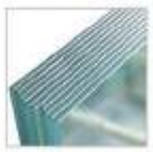


Display for BSC-2FA2-GL

Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Wind Speed Sensor



Front Window
Two-layer laminated toughened glass >6mm, Anti UV



Footmaster Caster
Universal caster with brake and leveling feet.



Exhaust Thimble canopy (Optional)



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



SS Water Tap &Gas Tap



Waterproof Socket

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model	BSC-2FA2-NA BSC-2FA2-GL
External Size (W*D*H)	700*650*1920mm
Internal Size (W*D*H)	600*500*540mm
Work Surface Hight	750mm
Max Opening	370mm
Tested Opening	Safety height 254mm(10")
Inflow	290m³/h (170cfm)
Downflow	55%: 360m³/h (211cfm)
Exhaust	45%: 290m³/h (170cfm)
Front Window	Two-layer laminated toughened glass>6mm, Anti UV
ULPA Filter	≥99.9995% efficiency at 0.12μm
Filter Guard Type	Aluminum alloy frame
Noise	NSF 49≤67 dB
Illumination	≥1000Lux
Display	Capacitive touch screen
Waterproof Socket	Two, Total consumption≤500W
Ground Resistance	≤0.1Ω
Power Supply	AC230V, 50/60Hz; AC115V, 60Hz, Full load Amps: 9A, BTU/Hr: 1589
Consumption	≤500W
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height
Motor	EC motor, 115V&230V acceptable, Speed adjustable, High efficiency and low power consumption
Material	Working area: 304 stainless steel Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating
UV Lamp	15W
LED Lamp	10W*2
Standard Accessory	LED Lamp*2, UV lamp*2, Base stand, Drain valve, Waterproof sockets, Remote control
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, SS water tap*1& gas tap*1
Net Weight	150kg
Package Size (W*D*H)	Carton: 820*860*1470mm
Gross Weight	152kg

NSF Certified Class II A2 Biological Safety Cabinet



The front window glass can be lowered below the operating area



Display for NA series



Display for GL series

Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Exhaust Thimble canopy (Optional)



Front Window
Two-layer laminated toughened glass >6mm, Anti UV



Footmaster Caster
Universal caster with brake and leveling feet.



Stainless Steel I.V. Bar with 10 hooks



SS Water Tap &Gas Tap



Waterproof Socket



Wind Speed Sensor



Work Zone
Unibody design



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model		BSC-4FA2	BSC-3FA2-GL BSC-3FA2-NA	BSC-4FA2-GL BSC-4FA2-NA	BSC-6FA2-GL BSC-6FA2-NA
External Size(W*D*H)		1383*775*2220mm	1087*775*2220mm	1383*775*2220mm	1873*775*2240mm
Internal Size(W*D*H)		1210*600*660 mm	910*600*660 mm	1210*600*660 mm	1700*600*660 mm
Work Surface Height		762mm	762mm	762mm	762mm
Max Opening		470mm			
Tested Opening		Safety height 200mm (8")	Safety height 254mm (10")		
Airflow Volume	Inflow	462m³/h (272cfm)	445m³/h(259cfm)	587m³/h(346cfm)	824m³/h(485cfm)
	Downflow	65%: 863m³/h (507cfm)	60%: 649m³/h(382cfm)	60%: 863m³/h(507cfm)	60%: 1212m³/h(713cfm)
	Exhaust	35%: 462m³/h (272cfm)	40%:445m³/h(259cfm)	40%: 587m³/h(346cfm)	40%: 824m³/h(485cfm)
Front Window		Motorized. Two-layer laminated toughened glass ≥6mm. Anti UV.			
ULPA Filter		Two, 99.9995% efficiency at 0.12μm, filter life indicator.			
Filter Guard Type		Aluminum alloy frame, glass fiber filter paper			
Noise		NSF 49≤67dB			
Illumination		≥1000Lux			
Display		Color Touch Screen			
Waterproof Socket		Two, Total consumption: ≤500W			
Tap		Water tap*1, Gas tap *1			
Ground Resistance		≤ 0.10Ω			
Power Supply		AC230V, 50/60Hz; AC115V, 60Hz, Full load Amps: 9A, BTU/Hr: 1689			
Consumption		500W	400W	500W	700W
Alarm		Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm			
Motor		EC motor, 115V& 230V acceptable, Speed adjustable, high efficiency and low power consumption			
Material		Working area: 304stainless steel Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating			
UV Lamp		30W	20W	30W	40W
		Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination			
Illuminating Lamp		20W*2	10W*2	20W*2	23W*2
		LED lamp			
Standard Accessory		LED lamp*2, UV lamp*2, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2, Stainless Steel IV Bar with 10 hooks,Remote control			
Optional Accessory		Armrest, Airflow tester, Formalin fumigation sterilizer,Infrared sterilizer, Electric height adjustable base stand			
Package Size (W*D*H)		1540*1080*1900mm	1240*1060*1900mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight		330kg	280kg	330kg	410kg

Basic Series Class II A2 Biological Safety Cabinet



The base stand is optional



Button Screen
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.



Work Zone
Work zone is madeof 304 stainless steel, is surrounded by negative pressure.



Remote Control
All functions can be realized with it, making the operation much easier and convenient.



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



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Large LCD display, all information displayed.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.

TECHNICAL PARAMETERS

Model	11231 BBC 86
External Size(W*D*H)	700*650*1230mm(without base stand)
Internal Size(W*D*H)	600*500*540mm
Tested Opening	Safety height 200mm(8")
Max Opening	370mm(15")
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator
Front Window	Double-sided laminated glass
Noise	≤ 67dB
UV Lamp	15W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W*2
Illumination	≥1000Lux
Consumption	500W
Socket	Two, total load of two sockets: 500W
Display	LCD display
Control System	Microprocessor
Airflow System	70% air recirculation, 30% air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity;High filter pressure alarm.
Material	Work Zone: 304 stainless steel. Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with optional base stand
Power Supply	AC220V±10%, 50/60Hz, 110V±10%, 60Hz
Standard Accessory	LED lamp*2, UV lamp*2, Remote control, Waterproof sockets*2
Optional Accessory	SS Water tap*1, SS Gas tap*1, Base stand
Packing Size (without base stand)	Carton: 810*760*1430mm Wood: 850*810*1430mm
Gross Weight (without base stand)	Carton: 120kg Wood: 140kg
Package Size(with base stand)(W*D*H)	Carton: 860*810*1430mm Wood: 970*850*1430mm
Gross Weight (with base stand)	Carton: 139Kg Wood: 162Kg

AC Series Class II A2 Biological Safety Cabinet



The front window glass can be lowered below the operating area



The base stand is optional



Color Screen
Real-time and clearer display of various values and appointment timing function.



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



Cabinet Support Block
Easy to lift, prevent hand pressing



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Anti-paper dust structure



Front Window
Motorized, Two-layer laminated toughened glass ≥6mm, Anti UV.



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet.

ADVANTAGE

1. 4.7-inch color display: real-time and clearer display of various values and appointment timing function.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model		BSC-700IIA2-Z
External Size (W*D*H)		700*650*1920mm (700*650*1280mm without base stand)
Internal Size (W*D*H)		600*500*540mm
Tested Opening		Safety height 200mm
Max Opening		380mm
Inflow Velocity		0.53±0.025m/s
Down Flow Velocity		0.33±0.025m/s
ULPA Filter		Two, 99.9995% efficiency at 0.12μm, filter life indicator
Front Window		Motorized
Noise		≤65 dB
UV Lamp		15W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp		8W*2
Illumination		≥1000Lux
Consumption		≤500W
Socket		Two, total load of two sockets: 500W
Display		LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Control System		70% air recirculation,30% air exhaust
Visual and Audio Alarm		Filter replacement, window over height, abnormal air flow velocity; High filter pressure alarm, abnormal power failure
Material		Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria power coating
Work Surface Height		750mm with base stand
Power Supply		AC220V 50/60Hz; 110V 60Hz
Standard Accessory		Cabinet*1, LED Lamp*2, UV lamp*2, Remote control, Drain valve*1, Waterproof Socket*2,Foot switch
Optional Accessory		Water and gas tap, Electric height adjustable base stand, Armrest, Base stand*1
Package Size (W*D*H)	Without Base Stand	800*760*1470mm
	With Base Stand	800*900*1470mm
Gross Weight	Without Base Stand	130kg
	With Base Stand	154kg

AC Series Class II A2 Biological Safety Cabinet



The front window glass can be lowered below the operating area





Color Screen
Real-time and clearer display of various values and appointment timing function.



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



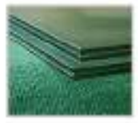
Cabinet Support Block
Easy to lift, prevent hand pressing



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Anti-paper dust structure



Front Window
Motorized, Two-layer laminated toughened glass ≥6mm, Anti UV.



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet.

ADVANTAGE

1. 4.7-inch color display: real-time and clearer display of various values and appointment timing function.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model	BSC-1100IIA2-X	BSC-1300IIA2-X	BSC-1500IIA2-X	BSC-1800IIA2-X	BSC-2000IIA2-X
External Size (W*D*H)	1100*755*2200mm	1300*755*2200mm	1500*755*2200mm	1800*755*2200mm	1950*775*2200mm
Internal Size (W*D*H)	940*600*680mm	1150*600*660mm	1350*600*660mm	1625*600*660mm	1800*600*660mm
Tested Opening	Safety height 200mm (8")				
Max Opening	480mm				
Inflow Velocity	0.53±0.025m/s				
Downflow Velocity	0.33±0.025m/s				
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator				
Front Window	Motorized, Two-layer laminated toughened glass≥6mm, Anti UV				
Noise	≤65dB				
UV Lamp	30W*1	30W*1	40W*1	40W*1	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination				
LED Lamp	12W*2	14W*2	16W*2	16W*2	12W*4
Illumination	≥1000Lux				
Consumption	600W	800W	1300W	1300W	1700W
Waterproof Socket	Two, total load of two sockets: 500W				
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.				
Control System	Microprocessor				
Airflow System	70% air recirculation, 30% air exhaust				
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure				
Material	Work Zone: 304 stainless steel				
	Main Body: Cold-rolled steel with anti-bacteria powder coating				
Work Surface Height	770mm (Can be customized)			800mm (Can be customized)	
Caster	Footmaster caster				
Power Supply	AC220V 50 / 60Hz; 110V 60Hz				
Standard Accessory	LED lamp 2pcs(except for BSC-2000 II A2-X 4pcs), UV lamp 2pcs, Base stand, Remote control,				
	Foot switch, Drain valve, Waterproof socket 2pcs				
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest				
Gross Weight	270kg	310kg	335kg	395kg	420kg
Package Size (W*D*H)	1230*990*1840mm	1430*990*1840mm	1630*990*1840mm	1930*990*1840mm	2080*990*1840mm

Pro Series Class II A2 Biological Safety Cabinet





Anti-paper dust structure



Handle

Four handles on each corner, easier to move the unit to anywhere



LCD Display

7 inch large touch screen is easy to monitor all the safety parameters at a glance and ergonomically sized control panel



Work Zone

Work zone is made of 304 stainless steel, is surrounded by negative pressure.



Remote Control

All functions can be realized with it, making the operation much easier and convenient.



Waterproof Socket

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



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.

TECHNICAL PARAMETERS

Modal	11231 BBC 86-Pro
External Size(W*D*H)	700*640*1920mm
Internal Size(W*D*H)	600*500*530mm
Tested Opening	Safety height 200mm(8")
Max Opening	370mm(15")
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator
Front Window	Double-sided laminated glass
Noise	≤ 67dB
UV Lamp	15W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W*2
Illumination	≥1000Lux
Consumption	500W
Socket	Two, total load of two sockets: 500W
Display	7-inch large touch screen
Control System	Microprocessor
Airflow System	70% air recirculation, 30% air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity, high filter pressure alarm
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with optional base stand
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory	LED lamp*2, UV lamp*2, remote control, waterproof sockets*2, Base stand, handle*4, Universal caster with brake and leveling feet
Optional Accessory	1.SS Water tap*1, SS Gas tap*1. 2.Wind speed self-adjustment function, real-time compensation for wind speed through sensor monitoring. 3.APP networking remote control. 4.LED fluorescent lamp brightness adjustment function. 5.Base bracket with manual or electric height adjustment function. 6.Manual lifting front window function. 7.Manual automatic lifting front window function. 8. EC fan
Packing Size(Without Base Stand)	Carton: 920*760*1425mm Wood: 850*800*1415mm
Gross Weight(Without Base Stand)	Carton: 120kg Wood: 140kg
Packing Size(With Base Stand)	Carton: 880*817*1420mm Wood: 960*850*1415mm
Gross Weight(With Base Stand)	Carton: 140kg Wood: 160kg

Pro Series Class II A2 Biological Safety Cabinet

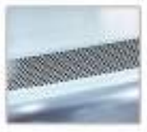




LCD Display
7 inch touch screen display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



Worktop Holder Usage Diagram



Anti-paper dust structure



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



Air-Vent (Optional)



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Footmaster Caster
Universal caster with brake and leveling feet.



Front Window
Two-layer laminated toughened glass>6mm, Anti UV



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



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

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.

TECHNICAL PARAMETERS

Model	BSC-1100IIA2-Pro	BSC-1300IIA2-Pro	BSC-1500IIA2-Pro	BSC-1800IIA2-Pro
External Size(W*D*H)	1100*750*2210mm	1385*750*2310mm	1500*760*2160mm	1875*780*2310mm
Internal Size(W*D*H)	940*600*655mm	1210*600*660mm	1400*600*660mm	1700*600*660mm
Tested Opening	Safety height 200mm(8")			
Max Opening	420mm(17")	500mm (20")	460mm (18")	520mm(21")
Inflow Velocity	0.53±0.025 m/s			
Downflow Velocity	0.33±0.025 m/s			
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator			
Front Window	Motorized, two-layer laminated toughened glass≥6mm. Anti UV.			
Noise	≤ 67dB			
UV Lamp	30W*1	30W*1	40W*1	
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Illuminating Lamp	LED lamp			
	12W*2	12W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	600W	800W	1300W	
Waterproof Sockets	Two, total load of two sockets: 500W			
Display	7-inch touch screen display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc			
Control System	Microprocessor			
Airflow System	70% air recirculation, 30% air exhaust			
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm			
Material	Work zone: 304 stainless steel			
	Main body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height	750mm(Size can be customized according to requirements)			
Caster	Footmaster caster			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessory	LED lamp*2, UV lamp*2, base stand, remote control, foot switch, drain valve, waterproof sockets*2			
Optional Accessory	1.Water and gas tap, electric height adjustable base stand, armrest, chair. 2.Wind speed self adjustment function, real-time compensation for wind speed through sensor monitoring. 3.APP networking remote control. 4.LED fluorescent lamp brightness adjustment function. 5.Base bracket with manual or electric height adjustment function. 6.Manual lifting front window function. 7.Manual automatic lifting front window function. 8. EC fan			
Package Size(W*D*H)	1250*980*1765mm	1530*1025*1895mm	1640*980*1825mm	2000*1040*1895mm
Gross Weight	265kg	340kg	363kg	430kg

EC Series Class II A2 Biological Safety Cabinet





Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



Cabinet Support Block
Easy to lift, prevent hand pressing



Anti-paper dust structure



Wind Speed Sensor & EC Fan



Stepper Motor and Handle
The front window can be controlled manually or electrically



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model	EA2-2F
External Size (W*D*H)	700*700*2000mm
Internal Size (W*D*H)	600*500*540mm
Tested Opening	Safety height 200mm
Max Opening	360mm
Inflow Velocity	0.53±0.025m/s
Downflow Velocity	0.33±0.025m/s
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator
Front Window	Manual and electric. Tempered glass≥5mm. Anti UV
Noise	≤65 dB
UV Lamp	15W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W*2
Illumination	≥1000Lux
Consumption	≤500W
Waterproof Socket	Two, total load of two sockets: 500W
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Control System	70% air recirculation, 30% air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity, high filter pressure, abnormal power failure
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with base stand
Power Supply	AC220V 50/60Hz; 110V 60Hz
Standard Accessory	Cabinet*1, Base stand*1, LED lamp*2, UV lamp*2, Drain ball valve*1, Waterproof Socket*2, EC Fan, Foot switch, Remote control
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest
Package Size (W*D*H)	Carton: 820*680*1470mm
Gross Weight	172kg

EC Series Class II A2 Biological Safety Cabinet





Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



Cabinet Support Block
Easy to lift, prevent hand pressing



Anti-paper dust structure



Wind Speed Sensor & EC Fan



Stepper Motor and Handle
The front window can be controlled manually or electrically



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model	EA2-3F	EA2-4F	EA2-5F	EA2-6F	EA2-7F
External Size (W*D*H)	1100*800*2200mm	1300*800*2200mm	1500*800*2200mm	1800*800*2200mm	1950*800*2250mm
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm	1800*600*660mm
Tested Opening	Safety height 200mm (8")				
Max Opening	460mm				
Inflow Velocity	0.53±0.025m/s				
Downflow Velocity	0.33±0.025m/s				
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator				
Front Window	Manual and electric. Tempered glass≥5mm. Anti UV				
Noise	≤65 dB				
UV Lamp	30W*1	30W*1	40W*1	40W*1	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination				
LED Lamp	12W*2	14W*2	16W*2	16W*2	12W*4
Illumination	≥1000Lux				
Consumption	600W	800W	1300W	1300W	1700W
Waterproof Socket	Two, total load of two sockets: 500W				
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.				
Control System	Microprocessor				
Airflow System	70% air recirculation, 30% air exhaust				
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity, high filter pressure, abnormal power failure				
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating				
Work Surface Height	770mm (Can be customized)			800mm (Can be customized)	
Caster	Footmaster caster				
Power Supply	AC220V 50/60Hz; 110V 60Hz				
Standard Accessory	LED lamp 2pcs, UV lamp 2pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs, EC Fan, Remote control				
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest				
Gross Weight	284kg	316kg	355kg	420kg	455kg
Package Size (W*D*H)	1230*1060*1840mm	1430*1060*1840mm	1630*1060*1840mm	1930*1060*1840mm	2080*1060*1840mm

Double-side Class II A2 Biological Safety Cabinet





Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Footmaster Caster
Universal caster with brake and leveling feet.



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



Double-side Table



Iron hook support rod for panel support



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.

TECHNICAL PARAMETERS

Model	BSC-1500IIA2-S
External Size (W*D*H)	1500*785*2220mm
Internal Size (W*D*H)	1160*700*660mm
Tested Opening	Safety height 200mm
Max Opening	450mm
Inflow Velocity	0.48±0.025m/s
Downflow Velocity	0.33±0.025m/s
ULPA filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator
Front Window	Two-layer laminated toughened glass≥5mm. Anti UV.
Noise	≤67 dB
UV Lamp	15W*2
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED lamp	16W*2
Illumination	≥1000Lux
Consumption	1300W
Socket	Two, Total consumption: 500W
Display	LCD display
Control System	70% air recirculation, 30% air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity; High filter pressure alarm
Material	Work Zone: 304 stainless steel
	Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with base stand
Power Supply	AC220V 50/60Hz; 110V 60Hz
Standard Accessory	Cabinet*1, Base stand*1, Fan*1, Supply filter*1, Exhaust filter*1, LED lamp*2, UV lamp*2, Drain ball valve*1, Socket*2
Optional Accessory	Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, S.S. water tap, S.S. gas tap
Package Size (W*D*H)	1770*930*1850mm
Gross Weight	325kg

Radiation Protection Biological Safety Cabinet





Color Screen
Real-time and clearer display of various values and appointment timing function.



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



Front Window
Motorized, Two-layer laminated toughened glass >6mm, Anti UV.



Footmaster Caster
Universal caster with brake and leveling feet.



Cabinet Support Block
Easy to lift, prevent hand pressing



Iron hook support rod for panel support



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. 4.7-inch color display: real-time and clearer display of various values and appointment timing function.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The left and right sides of the work area and the bottom of the lead plate are respectively protected. The left and right sides of the work area contain a 10mm lead plate, and the bottom of the operation area is a 10mm lead plate.
8. The front side is equipped with a side-sliding protective screen with protective radiation window. The front of the safety cabinet contains a movable anti-radiation glass front window component, and 1 piece of anti-radiation glass has a thickness of 50mm thick *350mm wide, which can slide left and right; This component can be separated from the safety cabinet and can be removed when not in use to facilitate the placement of items in the operating area.

TECHNICAL PARAMETERS

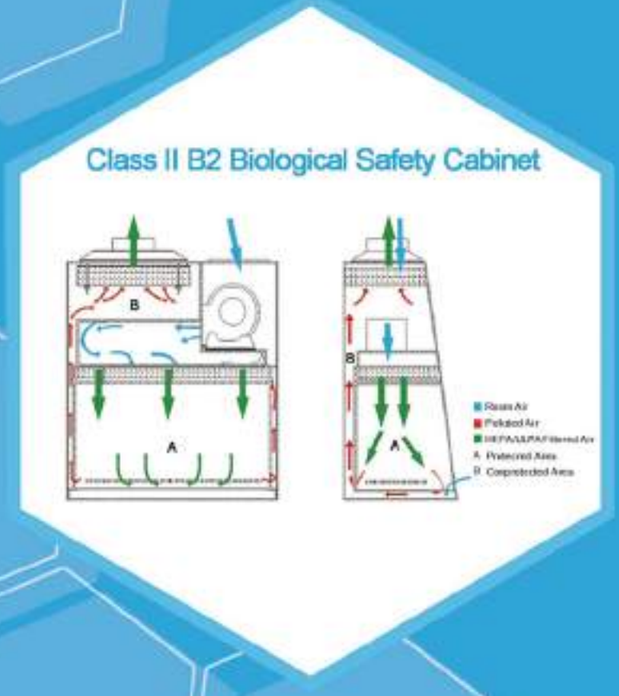
Model	BSC-1500IIA2-R	BSC-1800IIA2-R
External Size (W*D*H)	1500*840*2200mm	1800*840*2200mm
Internal Size (W*D*H)	1350*600*660mm	1625*600*660mm
Tested Opening	Safety height 200mm(8")	
Max Opening	440mm	
Inflow Velocity	0.53±0.025m/s	
Downflow Velocity	0.33±0.025m/s	
ULPA filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator	
Front Window	Motorized, Two-layer laminated toughened glass≥6mm, Anti UV.	
Noise	≤65 dB	
UV Lamp	40W*1	40W*1
	UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination	
LED lamp	16W*2	16W*2
Illumination	≥1000Lux	
Consumption	1600W	1800W
Waterproof Socket	Two, total load of two sockets:500W	
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.	
Control System	Microprocessor	
Airflow System	70% air recirculation, 30% air exhaust	
Visual and Audio Alarm	Abnormal airflow velocity , filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure	
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating	
Work Surface Height	750mm (Size can be customized according to requirements)	
Caster	Footmaster caster	
Power Supply	AC220V 50 / 60HZ; 110V 60HZ	
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Remote control, Foot switch, Drain valve, Waterproof socket 2pcs	
Optional Accessory	Water and gas tap, Armrest	
Gross Weight	465kg; 75kg	560kg; 115kg
Package Size (W*D*H)	1630*1060*1840mm; 1580*370*910mm	1930*1060*1840mm; 1880*370*910mm

Class II B2 Biological Safety Cabinet

Three protection:operator,sample and environment.

Airflow system: 0% air recirculation,100% air exhaust.

A Class II B2 BSC, also called a total exhaust cabinet, is necessary when significant amounts of radionuclides and volatile chemicals are expected to be used.



NSF Certified Class II B2 Biological Safety Cabinet



The front window glass can be lowered below the operating area





Display for BSC-4FB2-NA



Display for BSC-4FB2-GL

Color Touch Screen

Touch operation, real-time and clearer display of various values and appointment timing function.



Wind Speed Sensor



Work Zone

Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Remote Control

All functions can be realized with it, making the operation much easier and more convenient.



Footmaster Caster

Universal caster with brake and leveling feet



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



Front Window

Two-layer laminated toughened glass >6mm, anti UV



Waterproof Socket

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

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model	BSC-4FB2-NA	BSC-4FB2-GL
External Size(W*D*H)	1383*775*2250mm	
Internal Size(W*D*H)	1210*600*660 mm	
Tested Opening	Safety height 200mm (8")	
Max Opening	470mm	
Exhaust Airflow Volume	100%: 1320m³/h(776cfm)	
Front Window	Motorized. Two-layer laminated toughened glass ≥6mm. Anti UV	
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator	
Filter Guard Type	Aluminum alloy frame	
Noise	NSF 49≤67 dB/EN 12469≤65dB	
Illumination	≥1000Lux	
Display	Color Touch Screen	
Waterproof Socket	2, Total consumption: ≤500W	
Tap	Water tap*1, Gas tap *1	
Ground Resistance	≤ 0.10Ω	
Power Supply	AC230V, 50Hz; 115V, 60Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	400w	
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.	
Motor	EC motor, 115V& 230V acceptable, Speed adjustable, high efficiency and low power consumption	
Material	Working area: 304stainless steel	
	Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating	
UV Lamp	30W	
	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	
Illuminating Lamp	20W*2	
	LED lamp	
Standard Accessory	LED lamp*2, UV lamp*2, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2,	
	Stainless Steel IV Bar with 10 hooks, Remote control	
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable	
	base stand, exhaust duct	
Package Size (W*D*H)	1540*1080*1900mm	
Gross Weight	340kg	

Note: Customers need to prepare an external exhaust fan or exhaust system by themselves.

AC Series Class II B2 Biological Safety Cabinet



The front window glass can be lowered below the operating area



Color Screen
Real-time and clearer display of various values and appointment timing function.



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



Cabinet Support Block
Easy to lift, prevent hand pressing



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Anti-paper dust structure



Front Window
Motorized, Two-layer laminated toughened glass ≥6mm, Anti UV.



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet.

ADVANTAGE

1. 4.7-inch color display: real-time and clearer display of various values and appointment timing function.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model		BSC-1100IIB2-X	BSC-1300IIB2-X	BSC-1500IIB2-X	BSC-1800IIB2-X
External Size (W*D*H)		1100*775*2250mm	1300*775*2250mm	1500*775*2250mm	1800*775*2250mm
Internal Size (W*D*H)		940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm
Tested Opening		Safety height 200mm (8")			
Max Opening		480mm			
Inflow Velocity		0.53±0.025m/s			
Downflow Velocity		0.33±0.025m/s			
ULPA Filter		Two, 99.9995% efficiency at 0.12μm, filter life indicator			
Front Window		Motorized. Two-layer laminated toughened glass≥6mm. Anti UV			
Noise		≤65 dB			
UV Lamp		30W*1	30W*1	40W*1	40W*1
		UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination			
LED Lamp		12W*2	14W*2	16W*2	16W*2
Illumination		≥1000Lux			
Consumption		1300W	1300W	1300W	1300W
Waterproof Socket		Two, total load of two sockets: 500W			
Display		LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.			
Control System		Microprocessor			
Airflow System		0% air recirculation, 100% air exhaust			
Visual and Audio Alarm		Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm, abnormal power failure			
Material		Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height		770mm (Can be customized)			800mm (Can be customized)
Caster		Footmaster caster			
Power Supply		AC220V 50 / 60Hz; 110V 60Hz			
Standard Accessory		LED lamp 2pcs, UV lamp 2pcs, Base stand, Remote control, Foot switch, Drain valve, Waterproof socket			
		2pcs, Exhaust blower, Exhaust duct			
Optional Accessory		Water and gas tap, Electric height adjustable base stand, Armrest			
Gross Weight		275kg; 58kg	320kg; 63kg	340kg; 63kg	390kg; 72kg
Package	Main Body,	1230*990*1840mm	1430*990*1840mm	1630*990*1840mm	1930*990*1840mm
	Exhaust Blower (W*D*H)	930*800*700mm	930*860*740mm	930*860*740mm	930*860*740mm

Pro Series Class II B2 Biological Safety Cabinet





LCD Display
7 inch touch screen display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



Anti-paper dust structure



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Front Window
Two-layer laminated toughened glass≥6mm, Anti UV



Footmaster Caster
Universal caster with brake and leveling feet



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



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



Worktop Holder Usage Diagram

ADVANTAGE

1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.

TECHNICAL PARAMETERS

Model	BSC-1100IIB2-Pro	BSC-1500IIB2-Pro	BSC-1800IIB2-Pro
External Size(W*D*H)	1100*750*2255mm	1500*770*2290mm	1875*795*2280mm
Internal Size(W*D*H)	940*600*655mm	1350*600*660mm	1700*600*660mm
Tested Opening	Safety height 200mm(8")		
Max Opening	420mm(17")	500mm(20")	480mm(20")
Inflow Velocity	0.53±0.025m/s		
Down Flow Velocity	0.33±0.025m/s		
ULPA Filter	Two, 99.9995% efficiency at 0.12μm, filter life indicator		
Front Window	Motorized, two-layer laminated toughened glass≥6mm, anti UV		
Noise	≤ 67dB		
UV Lamp	30W*1	40W*1	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination		
Illuminating Lamp	LED lamp		
	12W*2	16W*2	16W*2
Illumination	≥1000Lux		
Consumption	800W	1300W	1400W
Waterproof Sockets	Two, total load of two sockets: 500W		
Display	7-inch touch screen display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc.		
Control System	Microprocessor		
Airflow System	0% air re-circulation, 100% air exhaust		
Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm		
Exhaust Duct	4 meters PVC duct, Diameter: 300mm		
Material	Work Zone: 304 stainless steel		
	Main Body: Cold-rolled steel with anti-bacteria powder coating		
Work Surface Height	750mm(Size can be customized according to requirements)		
Caster	Footmaster caster		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Standard Accessory	LED lamp*2, UV lamp*2, base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets*2, pipe strap*2		
Optional Accessory	1.Water and gas tap, Electric height adjustable base stand. 2.Wind speed self adjustment function, real-time compensation for wind speed through sensor monitoring. 3.APP networking remote control. 4.LED fluorescent lamp brightness adjustment function. 5.Base bracket with manual or electric height adjustment function. 6.Manual lifting front window function. 7.Manual automatic lifting front window function. 8. EC fan		
Package Main Body	1250*980*1765mm	1640*980*1825mm	2000*1040*1895mm
Package Exhaust Blower(W*D*H)	920*790*690mm	920*790*790mm	920*790*840mm
Gross Weight	265kg; 50kg	325kg; 56kg	420kg; 60kg

EC Series Class II B2 Biological Safety Cabinet





Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



Cabinet Support Block
Easy to lift, prevent hand pressing



Anti-paper dust structure



Wind Speed Sensor & EC Fan



Stepper Motor and Handle
The front window can be controlled manually or electrically



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling foot.

ADVANTAGE

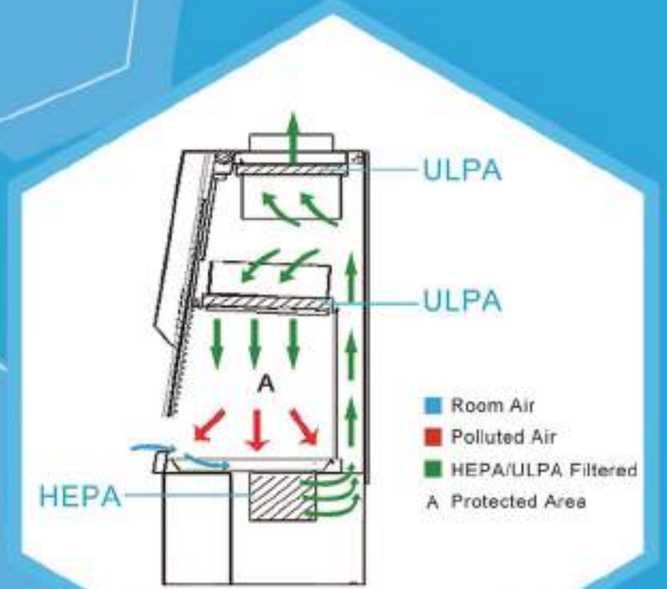
1. 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

TECHNICAL PARAMETERS

Model		EB2-3F	EB2-4F	EB2-5F	EB2-6F
External Size (W*D*H)		1100*800*2250mm	1300*800*2250mm	1500*800*2250mm	1800*800*2250mm
Internal Size (W*D*H)		940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm
Tested Opening		Safety height 200mm (8")			
Max Opening		460mm			
Inflow Velocity		0.53±0.025m/s			
Downflow Velocity		0.33±0.025m/s			
ULPA Filter		Two, 99.9995% efficiency at 0.12μm, filter life indicator			
Front Window		Manual and electric. Tempered glass≥5mm. Anti UV			
Noise		≤65 dB			
UV Lamp		30W*1	30W*1	40W*1	40W*1
		UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination			
LED Lamp		12W*2	14W*2	16W*2	16W*2
Illumination		≥1000Lux			
Consumption		800W	850W	1300W	1300W
Waterproof Socket		Two, total load of two sockets: 500W			
Display		LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow velocity, filter life, humidity and temperature, system working time etc.			
Control System		Microprocessor			
Airflow System		0% air recirculation, 100% air exhaust			
Visual and Audio Alarm		Filter replacement, window over height, abnormal air flow velocity, high filter pressure, abnormal power failure			
Material		Work Zone: 304 stainless steel			
		Main Body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height		770mm (Can be customized)			800mm (Can be customized)
Caster		Footmaster caster			
Power Supply		AC220V 50/60Hz; 110V 60Hz			
Standard Accessory		LED lamp 2pcs, UV lamp 2pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs, EC Fan,			
		Exhaust blower, Exhaust duct, Remote control			
Optional Accessory		Water and gas tap, Electric height adjustable base stand, Armrest			
Gross Weight		296kg; 58kg	329kg; 63kg	366kg; 63kg	431kg; 72kg
Package Size	Main Body	1230*1060*1840mm	1430*1060*1840mm	1630*1060*1840mm	1930*1060*1840mm
	Exhaust Blower (W*D*H)	930*800*700mm	930*860*740mm	930*860*740mm	930*860*740mm

Cytotoxic Safety Cabinet

BIOBASE Cytotoxic Safety Cabinet is the premium solution for cytotoxic/antineoplasticdrug processing, providing the highest level of patient, pharmacist and environmental protection. The unique demands of handling and preparing cytotoxic drugs for use in chemotherapy require a specialized cabinet.



Cytotoxic Safety Cabinet





LCD Display
Large display is easy to monitor all the safety parameters at a glance, and ergonomically sized control panel improves users interface.



Bag In and Bag Out Filter
The PVC bag can ensure the safety of the personnel and the environment, and make the replacement process convenient and quick.



Water and Gas Tap
High quality stainless steel.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



Front Window
Motorized, Two-layer laminated toughened glass >6mm, Anti UV.



Footmaster Caster
Universal caster with brake and leveling feet.



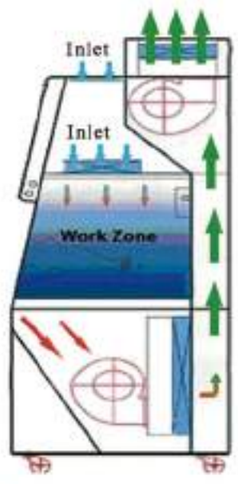
Iron hook support rod for panel support

TECHNICAL PARAMETERS

Model	11224 BBC 86	11234 BBC 86	11244 BBC 86
External Size (W*D*H)	1087*760*2100mm	1380*760*2100mm	1877*760*2100mm
Internal Size (W*D*H)	910*600*630mm	1220*600*630mm	1700*600*630mm
Tested Opening	Safety Height 200mm(8")		
Max Opening	440mm(17")		
Inflow Velocity	0.53±0.025m/s		
Down Flow Velocity	0.33±0.025m/s		
Exhaust Volume	347m³/h	485m³/h	648m³/h
Air Supply Filter	ULPA filter, efficiency > 99.9995% for particle size at 0.12 μm		
Exhaust Filter	ULPA filter: first exhaust filter: 0.12μm efficiency 99.9995%; HEPA filter: secondary exhaust filter: 0.3μm efficiency 99.995%		
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm		
Noise	≤ 67dB		
Water & Gas Tap	Water Tap*1, Gas tap*1		
UV Lamp	20W*1	30W*1	40W*1
	Emission of 253.7 nanometers for most efficient decontamination		
	UV life indicator, UV timer		
LED Lamp	12W*2	14W*2	16W*2
Illumination	≥1000Lux		
Consumption	700W	900W	1300W
Waterproof Socket	Two, Total load of two sockets: ≤500W		
Display	LCD display		
Control System	Microprocessor		
Humidity and Temperature	Humidity and temperature can be displayed on the control panel		
Material	Work Area: 304 stainless steel		
	Main Body: cold-rolled steel with anti-bacteria powder coating		
Front Window	Motorized, two-layer laminated toughened glass≥6mm, anti-UV		
Caster	Footmaster Caster		
Power supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Standard Accessory	Base stand, Drain valve, Waterproof sockets*2, Remote control, LED lamp*2, UV lamp*2,		
	Water tap, Gas tap		
Optional Accessory	Armrest, Formalin fumigation sterilizer, Infrared sterilizer, Airflow tester		
Gross Weight	320kg	371kg	430kg
Package Size (W*D*H)	1240*910*2280mm	1540*910*2280mm	2050*910*2280mm

Class III Biological Safety Cabinet

Class III Biosafety Cabinet is totally enclosed and gas-tight with ULPA filtered supply and exhaust air. Work is performed with long-sleeved gloves. The cabinet is kept under negative pressure of at least 120 Pa, and airflow is maintained by a dedicated exterior exhaust system. It can protect the operator, product and environment.



Class III Biological Safety Cabinet





Pass Box
Double doors with interlock function and UV lamp.



Pressure Meter
Display the pressure of work zone.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



LCD Display
Large display is easy to monitor the pressure parameters for work zone and three filters.

ADVANTAGE

1. With memory function in case of power-failure.
2. UV lamp ensures work area sterilization effectively.
3. An angled cabinet front ensures an ergonomic working posture.
4. Exhaust air is double-filtered through high-quality ULPA filters with typical efficiency of 99.9995% for 0.12μm particles.

TECHNICAL PARAMETERS

Model	BSC-1100IIIX	BSC-1500IIIX
External Size(W*D*H)	1540*880*2000 mm	1790*880*2080 mm
Internal Size(W*D*H)	910*650*660 mm	1165*650*660 mm
Pass Box Size(W*D*H)	Internal Size:430*330*355mm External Size:575*425*495mm	
Gloves	One pair of 800mm butyl rubber gloves	
Front Window	8 mm toughened glass, anti-ultraviolet radiation	
Display	LCD display	
Pre-Filter	Polyester fiber, washable	
Pressure	Negative, ≥ 120 Pa	
ULPA Filter	Air supply filter: Efficiency 99.9995% at 0.12μm First exhaust filter: Efficiency 99.9995% at 0.12μm Second exhaust filter: Efficiency 99.9995% at 0.12μm	
Noise	≤ 67dB	
Alarm	Audio and visual alarm, abnormal pressure; filter replacement	
Work Zone Material	304 stainless steel	
Illumination	≥ 1000 lux	
Consumption	1200W	1300W
LED Lamp	12W*2	16W*2
UV Lamp	18W*2, 8W*1	30W*2, 8W*1
	Emission of 253.7 nanometers for most efficient decontamination	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Gross Weight	350kg	450kg
Package Size(W*D*H)	1635*1065*2160mm	1890*1065*2250mm
Standard Accessories	Gloves, fluorescent lamp, UV lamp*3, remote control, pressure meter, drain valve	

Class III Biological Safety Cabinet





LCD Display



Front Window



Pass Box



Independent Negative Cycle Structure

ADVANTAGE

1. 7-inch touch color display screen: Touch operation, real-time, more clear and dynamic display of various values.
2. Power-off memory, restore the state before power-off after power-on, and have visual prompts to alarm.
3. Screen lock function: Touch the screen lock button lightly, and the operation interface is locked to prevent mis-operation and facilitate management.
4. The three side walls of the working area adopt high-quality 304# stainless steel integrated structure, which is easy to clean.
5. The work surface is made of high-quality 304# stainless steel, which is designed in a basin shape and is easy to clean.
6. Convenient front window design, the front window glass can be opened and closed freely, which is convenient for putting in large equipment and cleaning operations.
7. The work surface can be easily lifted or taken out, which is convenient for cleaning and disinfection operations.
8. The magnetic opening and closing design of the transmission window, the interlocking device of the transmission window, and the independent negative pressure cycle structure protect the safety of the operator.
9. The cabinet body and the top of the transfer window are equipped with a pre-filter to effectively prolong the service life of the main filter.
10. The whole machine is equipped with four ULPA ultra-high efficiency filters.
11. The design of butyl rubber gloves has good corrosion resistance, and the replacement of gloves is simple and convenient.

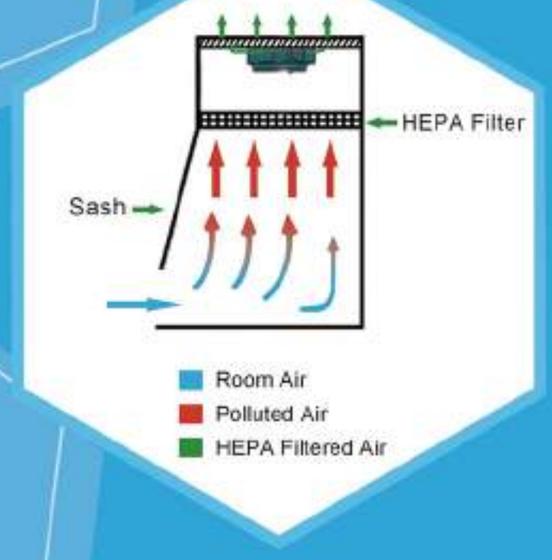
TECHNICAL PARAMETERS

Model	BSC-1100IIIX-H	BSC-1500IIIX-H
External Size	1667*950*2180mm	1920*950*2180mm
Internal Size	917*640*600mm	1170*640*600mm
Pass Box Size	580*440*560mm	580*440*560mm
Gloves	One pair of 800mm butyl rubber gloves	
Front Window	12mm tempered glass, anti-ultraviolet radiation	
Display	Touch LCD display	
Pre-filter	Polyester fiber, washable	
Pressure	Negative, ≥120Pa	
ULPA Filter	Operating area supply air filter: 99.9995% (0.12μm in diameter) Base cabinet exhaust filter: 99.9995% (0.12μm in diameter) Top exhaust filter: 99.9995% (0.12μm in diameter) Pass box supply air filter: 99.9995% (0.12μm in diameter)	
Noise	≤67dB	
Alarm	Audio and visual alarm, abnormal pressure	
Work Zone Material	304 stainless steel	
Illumination	≥1000lux	
Consumption	1200W	1300W
LED Lamp	12W*2	14W*2
UV Lamp	20W*2, 8W*1	30W*2, 8W*1
	Emission of 253.7nm for most efficient decontamination	
Power Supply	Standard: AC 220V 50/60Hz, optional: AC 110V 50/60Hz	
Packing Size	1810*1100*2350mm	2060*1100*2350mm
Gross Weight	420kg	480kg

Class I
Biological Safety Cabinet

Personnel and environmental protection.

Class I Biosafety Cabinet is suitable for work involving low to moderate risk agents. (Biosafety Levels 1,2 and 3) where there is a need for containment, but not for product protection.



Class I Biological Safety Cabinet



BYKG-V



BYKG-I/II



BYKG-III

ADVANTAGE

1. UV lamp for sterilization.
2. Soft touch control panel, LCD display (Only BYKG-III).
3. Energy-saving, high efficiency, low noise.
4. With memory function in case of power-failure.
5. One piece 304 stainless steel work table, easy for cleaning.
6. Stable air flow system; provide firm protection to people and environment.

TECHNICAL PARAMETERS

Model	BYKG-I	BYKG-II	BYKG-III	BYKG-V
External Size(W*D*H)	550*395*730mm	700*550*900mm	900*713*1250mm	1100*697*1900mm
Internal Size(W*D*H)	540*385*440mm	680*540*500mm	800*635*600mm	968*625*630mm
HEPA Filter	99.995% efficiency at 0.3um			
Airflow Velocity	>0.3m/s	0.75~1.0m/s	>0.3m/s	0.75~1.0m/s
Noise	≤60dB	≤55dB	≤60dB	≤67dB
Illuminating Lamp	4W*1 LED lamp	8W*1 LED lamp	8W*1 LED lamp	12W*2 Fluorescent lamp
UV Lamp	15W*1	20W*1	20W*1	20W*1
	Emission of 253.7 nanometers for most efficient decontamination BYKG-III has UV timer function and the display could indicate the UV life.			
Power Consumption	150W	160W	400W	350W
Work Surface Height	/	/	/	750mm
Caster	/	/	/	Universal caster
Main Body Construction	PMMA	PMMA	Cold-rolled steel with anti-bacteria powder coating, tempered glass	
Work Table	304 stainless steel			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessory	LED lamp, UV lamp*2			Fluorescent lamp, UV lamp*2, Base stand
Optional Accessory	Electric height adjustable base stand			
Gross Weight	38kg	68kg	147kg	185kg
Package Size(W*D*H)	710*550*950mm	870*720*1170mm	1060*870*1440mm	1260*860*2080mm

Biosafety Accessories

Electric Height Adjustable Base Stand





APPLICATIONS

For biosafety cabinet, laminar flow cabinet, fume hood and other laboratory equipment which need adjustable height base stand.

FEATURES

1. Heavy load and smart balance
2. Smooth running speed and low noise
3. Concise and easy with nice appearance
4. Low maintenance cost
5. Easy to install and disassemble
6. Max Adjustable Route 400 mm
7. Width adjustable is customized
8. Multipurpose for laboratory apparatus



Control Button



Footmaster Caster

TECHNICAL PARAMETERS

Max Route(mm)	100	150	200	250	300	350	400
Height of Min Height(mm)	440	490	540	590	640	690	740
Base Stand Max Height(mm)	540	640	740	840	940	1040	1140
Max Load	400kg						
Load Speed	5mm/s						
Working Frequency	10%, max continuous working time is 2 minutes						
Noise	<65dB						
Work Temperature	-26℃~65℃						
Material	Pedestal: 3.0mm steel Lifting Rod: Aluminium alloy						
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz						
Controller Consumption	100~200W						
Caster	Footmaster Caster						
Applications	For biosafety cabinet, laminar flow cabinet, fume hood and other laboratory equipment						



BK-HM35 BK-HM15

Infrared Sterilizer

Two types:BK-HM35: 35mm dimension of cavity
BK-HM15: 15mm dimension of cavity
Setting Temperature: 3-level: 400℃, 620℃, 840℃
Heating Time: Less than 15 minutes
Power: 240W
Power Supply: Standard: AC220V, 50/60Hz; Optional: AC110V, 50/60H
Packing Size: 300*250*200mm
Gross Weight: BK-HM35: 1.5kg; BK-HM15: 1.3kg



9535-A 9535

Air Velocity Meter

Measurement Range: 0~30m/s
Accuracy: ±3% or ± 0.015m/s
Resolution: 0.01m/s
Data log 12,700+samples and 100 test IDs
The 9535 model comes with a telescopic straight probe.The 9535-A model comes with an articulated probe.



Formalin Fumigation Sterilizer Ammonium Hydrogen Carbonate Neutralizer

Sterilize the cabinet with formalin for 8 hours and neutralize the formalin with ammonium hydrogen carbonate for 8 hours.



Manual Adjustable Base Stand

Three adjustment positions: 50mm, 100mm, 150mm



Foot rest

Humanization design.
Material is cold-rolled steel with anti-bacteria powder coating.
Can be customized.



Arm rest

Alleviate fatigue on operator's arms Prevent air obstruction
Adjustable height range: 85~100mm



Digital Sound Level Meter

Measurement Range: 30~130dB
Accuracy: ±1.5dB
Resolution: 0.1dB



Laboratory Chair Model: BK-LC01

Backrest Material: Hard leather
Seat Material: Soft leather
Seat Diameter: 330mm
Backrest Height: 230mm
Height Range: 410~530mm
Load-bearing Capacity: 150kg
Packing Information Per Unit: 415*400*375mm, 4.6kg



Laboratory Chair Model: BK-LC11

Backrest Material: PU foam one-piece molding
Seat Material: PU foam one-piece molding
Seat Size: 420*400mm
Backrest Size: 380*260mm
Height Range: About 460~580mm
Load-bearing Capacity: 200kg
Packing Information Per Unit: 660*340*590mm, 10kg



Laboratory Chair Model: BK-LC13

Backrest Material: PU foam one-piece molding
Seat Material: PU foam one-piece molding
Seat Size: 420*400mm
Backrest Size: 380*260mm
Height Range: About 600~800mm
Load-bearing Capacity: 200kg
Packing Information Per Unit: 660*340*590mm, 10kg



Illumination Meter Model: TES1332A

Light Intensity range: 0~200,000LUX
Accuracy:
±3% rdg±0.5% f.s. (<10,000lux)
±4% rdg±10dgts (>10,000lux)

Laser Dust Particle Counter



CLJ-2083S



CLJ-2083

APPLICATION

The product is widely used in medicine, optics, chemistry, food, cosmetics, electronic health, biological products, aerospace and other fields.

FEATURES

1. 7-inch touch screen control, friendly interface and convenient operation.
2. Calculated by 95% confidence level (UCL), it can directly display particle concentration (particles/m³) and purification level.
3. 4GB data storage card, data storage management.
4. Cold-rolled steel plate material for CLJ-2083, stainless steel material for CLJ-2083S
5. Built-in thermal printer
6. Famous semiconductor laser tube and famous semiconductor photosensitive receiver tube.
7. The counting result can be converted into cubic meters and cubic feet.

TECHNICAL PARAMETERS

Model	CLJ-2083	CLJ-2083S
Dimension	220*280*185mm	225*270*215mm
Sampling Volume	2.83L/min (0. 1cfm/min)	
Ambient Temperature	10~35℃	
Ambient Relative Humidity	≤75%	
Power	100W	
Six Particle Size Channels	0.3μm, 0.5μm,1μm, 3μm, 5μm, 10μm	0.3μm, 0.5μm, 0.7μm, 1μm, 2μm, 3μm, 5μm, 10μm
Vacuum Source	Built-in air pump, under control flow	
Light Source	Semi-conductor laser, more than 30,000h	
Zero Count	Less than 10min	
Communication Interface	USB	
Cleanliness Level Range	ISO6~ISO8	ISO5~ISO8
Main Body Material	Cold-rolled steel with powder coated	Stainless Steel
Battery	No	Yes
Voltage	Standard: AC220V, 50/60Hz; optional: AC110V, 50/60Hz (internal transformer)	
Optional Parts	Temperature sensor, humidity sensor	
Packing Size	Carton: 410*410*300mm Wood: 510*490*370mm	Carton: 485*435*395mm Wood: 570*520*430mm
Gross Weight	Carton: 8.2kg Wood: 15kg	Carton: 13kg Wood: 18kg



APPLICATION

The product is widely used in medicine, optics, chemistry, food, cosmetics, electronic health, biological products, aerospace and other fields.

FEATURES

1. 7-inch touch screen control, friendly interface and convenient operation.
2. Calculated by 95% confidence level (UCL), it can directly display particle concentration (particles/m3) and purification level.
3. 4GB data storage card, data storage management.
4. Stainless steel material.
5. Built-in thermal printer
6. Famous semiconductor laser tube and famous semiconductor photosensitive receiver tube.
7. Support WIFI to export data directly.

TECHNICAL PARAMETERS

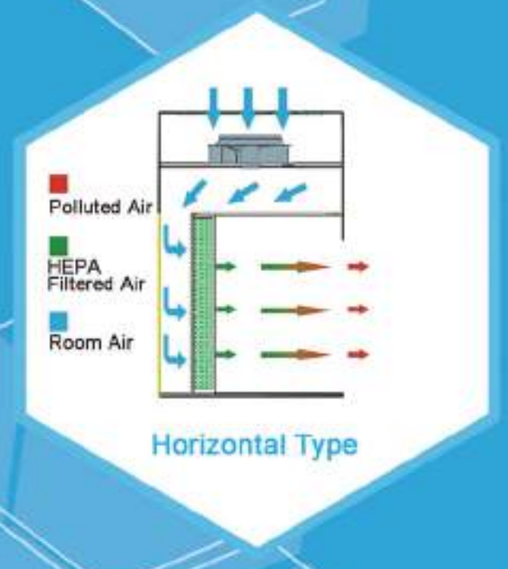
Model	CLJ-2803
Dimension	220*350*260mm
Sampling Volume	28.3L/min (1cfm/min)
Ambient Temperature	10-35℃
Ambient Relative Humidity	≤75%
Power	150w
8 Particle Size Channels	0.3μm, 0.5μm, 0.7μm, 1μm, 2μm, 3μm, 5μm, 10μm
Vacuum Source	Built-in air pump, under control flow
Light Source	Semi-conductor laser, more than 30,000h
Zero Count	Less than 10min
Communication Interface	USB, RS485, ethernet communication
Cleanliness Level Range	ISO5~ISO8
Main Body Material	Stainless steel
Voltage	Standard: AC220V, 50/60Hz; optional: AC110V, 50/60Hz (internal transformer)
Optional Parts	Temperature sensor, humidity sensor, battery
Packing Size	Carton: 480*430*370mm; Wood:570*520*400mm
Gross Weight	Carton: 14kg; Wood: 17kg

Laminar Flow Cabinet

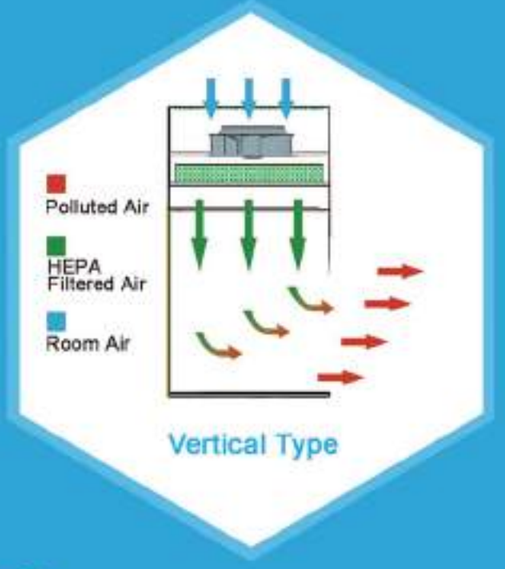
Laminar Flow Cabinet - sample protection only

Laminar Flow Cabinet is a work bench or similar enclosure, which creates a particles-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

Laminar flow cabinet is widely used in medical research laboratories, hospital, manufacturing facilities and other research and production environments.



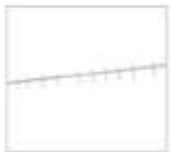
Horizontal Type



Vertical Type

ETL Certified Horizontal Laminar Flow Cabinet





Stainless Steel I.V. Bar with 10 hooks



Waterproof Socket
America Standard



Footmaster Caster
Universal caster with brake and leveling feet



Wind Speed Sensor
Direct measurement of wind speed

ADVANTAGE

1. ETL certification, Satisfy North American market.
2. With memory function in case of power-failure.
3. Audio and visual alarm (Abnormal airflow velocity).

TECHNICAL PARAMETERS

Model	BBS-H800	BBS-H1100	BBS-H1300	BBS-H1500	BBS-H1800
External Size(W*D*H)	800*810*(1720~1980)mm	1100*810*(1720~1980)mm	1300*810*(1720~1980)mm	1500*810*(1720~1980)mm	1800*810*(1720~1980)mm
Internal Size(W*D*H)	700*500*600mm	1000*500*600mm	1200*500*600mm	1400*500*600mm	1700*500*600mm
Work Surface Height	750~1010mm				
Max Opening	440mm				
Display	LCD Display				
Airflow Velocity	80~99fpm				
Material	Working area: 304 stainless Steel. Main Body: Cold-rolled steel with anti-bacteria powder coating. Front Window: 5 mm toughened glass, anti-UV.				
Pre-Filter	Polyester fiber				
HEPA Filter	One, 99.995% efficiency at 0.3μm				
Noise	≤66dB(A)				
Illumination	≥300lx				
Waterproof Sockets	One socket (Double type), America standard, Max.Power: 500W				
Power Supply	103.5~126.5V, 60Hz, 10A				
Consumption	750W	950W	950W	950W	1150W
LED Lamp	10W*1	14W*1	14W*1	18W*1	22W*1
Standard Accessory	Manually height adjustable base stand, LED lamp, wind speed sensor, waterproof socket, Stainless Steel I.V.Bar with 10 hooks				
Optional Accessory	UV lamp				
Package Size (W*D*H)	940*1090*1250mm	1240*1090*1250mm	1440*1090*1250mm	1640*1090*1250mm	1940*1090*1250mm
Gross Weight	150kg	190kg	225kg	265kg	300kg

Horizontal 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-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	99.995% 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 loads500W	
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*1060*1600mm

Horizontal 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 top panel, optimum convenience of using small devices inside the cabinet.



Glass side window

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



UV Lamp

Emission of 254 nanometers for most efficient decontamination. The radiation intensity is not less than 400mW/m².



Gas Tap



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. 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*520*570mm	1700*520*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	400W	500W
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	Base stand; LED lamp; UV lamp; Waterproof socket*2. Gas tap; Water tap
Package Size(W*D*H)	1450*1140*1540mm	1950*1140*1460mm
Gross Weight	255kg	325kg

Horizontal Laminar Flow Cabinet





LCD Display

7-inch color touch screen, real-time display of running status.



Waterproof Socket

Optimum convenience of using small devices inside the cabinet.



UV Lamp

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



Foot-master Caster

Universal aster with brake and leveling feet.

ADVANTAGE

1. Vertical face design, the operating perspective is wide and more humane;
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. The base stand and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled;
7. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, running time, UV lamp time, HEPA filter running time, HEPA filter running resistance, temperature and humidity, timer);
8. With the function of appointment timing, it can automatically set the time of starting and shutting down and the disinfection time of ultraviolet lamp;
9. With one key disinfection function, convenient and fast;
10. Perfect alarm system:
(1) Ultra-high filter pressure alarm
(2) Filter failure replacement alarm
11. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

TECHNICAL PARAMETERS

Model	BKCB-H1100S	BKCB-H1300S
External Size(W*D*H)	1100*820*1780mm	1300*820*1780mm
Internal Size(W*D*H)	1000*500*570mm	1200*500*570mm
Work Surface Height	750mm(Customized)	
Safety Height	200mm	
Max Opening	320mm	
Display	LCD display	
Airflow Velocity	0.2~0.45m/s	
Material	Working area: 304 stainless steel; Main body: 1.2mm 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	Manual	
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	
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	
Consumption	700W	700W
LED Lamp	8W*1	8W*1
UV Lamp	15W*2	15W*2
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2.	
Optional Accessories	Motorized door, armrest*2, electric height adjustable base stand	
Package Size(W*D*H)	1250*1030*1270mm	1450*1030*1270mm
Gross Weight	235kg	290kg

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/m².



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

Horizontal Laminar Flow Cabinet





Temperature and Humidity Sensor



UV Lamp



LCD Display
Digital LCD display: airflow level



Footmaster Caster
Universal caster with brake and leveling feet



Base Stand



Waterproof Socket

ADVANTAGE

1. The cabinet is designed with a 10° inclination angle, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
6. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
7. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
8. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
9. Perfect alarm system:

(1) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.

(2) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.

TECHNICAL PARAMETERS

Model	BKCB-H1500	BKCB-H1800
Flow Mode	Horizontal Flow	
Number of Users	1~2	1~3
Rated Power	1250VA (including operating area socket load 500VA)	2000VA (including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz (Standard); 110±10%V, 60Hz (Optional)	
Airflow Velocity	0.2m/s~0.45m/s	
Noise	≤65dB (A)	
Lighting	≥300lx	
Vibration	≤5μm(rms)	
Safety	Colonies Number ≤ 0.5CFU/30min	
Clean Grade	ISO Level 5 (100 levels)	
Filtration Efficiency	HEPA (H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%	
Work Surface Height	750mm(Customized)	
Standard Accessory	LED lamp*1, UV lamp*2, Base stand, Waterproof socket*2, Temperature and humidity sensor	
Optional Accessory	Armrest*2, electric height adjustable base stand	
Net Weight	220kg	260kg
Gross Weight	299kg	355kg
External Size(W*D*H)	1500*800*1730mm	1800*800*1930mm
Internal Size(W*D*H)	1400*500*600mm	1700*500*730mm
Package Size(W*D*H)	1760*1010*1340mm	2060*1010*1500mm

Horizontal Laminar Flow Cabinet (PIVAS)



BBS-H1500A　　BBS-H1800A

ADVANTAGE

1. PIVAS(Pharmacy Intravenous Admixture Service) Dedicated Clean Bench.
2. Integrated In-Chamber Scanning System & Camera

   Embedded within the laminar airflow work area to facilitate real-time verification of medication preparations and barcode scanning, ensuring accuracy in compounding sterile solutions.
3. Adjustable Horizontal Rods & Hooks

   Strategically positioned within the work zone to optimize workflow efficiency during aseptic compounding procedures.
4. UV Lamp & Fan Pre-Scheduling Function

   Enables automated disinfection cycles(UV activation) and air purification(HEPA filtration) before/after work shifts, ensuring a sterile environment without manual intervention.
5. Safety Interlock System

   Prevents simultaneous operation of UV lamps with lighting or fan systems, eliminating risks of accidental exposure to ultraviolet radiation.
6. UV Lamp Delay Activation(5S~20S)

   Automatically initiates a countdown timer upon activation, providing operators sufficient time to exit the work area before UV exposure begins.
7. Pressure Unit Conversion Function

   Supports seamless switching between Pascal(Pa) and air velocity units(m/s), enabling real-time monitoring of airflow parameters critical for maintaining ISO Class 5 environments.



7-inch display screen (with integrated barcode scanning module)



Monitor

TECHNICAL PARAMETERS

Model	BBS-H1500A	BBS-H1800A
External Size (W*D*H)	1500*870*1740mm	1800*870*1940mm
Internal Size (W*D*H)	1370*550*600mm	1670*550*800mm
Work Surface Height	800mm	
Airflow Mode	Horizontal laminar flow	
Applicable Number of People	Double-person single-side	
Display	LCD display	
Airflow Velocity	0.3~0.45m/s	
Material- Working Area	304 stainless steel	
Material-Main Body	1.0mm cold-rolled steel with anti-bacteria powder coating	
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)	
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	
Consumption	400W	600W
LED Lamp	16W*1	16W*2
UV Lamp	30W*1	20W*2
Standard Accessories	LED lamp; UV lamp; Base stand; Waterproof socket*2; Hook*10	
Optional Accessory	Electric height adjustable base stand	
Package Size(W*D*H)	1640*1050*1350mm	1940*1050*1550mm
Gross Weight	225kg	280kg

Horizontal Laminar Flow Cabinet (PIVAS)



BBS-H1800B

BBS-H1500B

ADVANTAGE

1.PIVAS (Pharmacy Intravenous Admixture Service) Dedicated Clean Bench.

2.Integrated In-Chamber Scanning System & Camera

Embedded within the laminar airflow work area to facilitate real - time verification of medication preparations and barcode scanning, ensuring accuracy in compounding sterile solutions.

3.Adjustable Horizontal Rods & Hooks

Strategically positioned within the work zone to optimize workflow efficiency during aseptic compounding procedures.

4.UV Lamp & Fan Pre-Scheduling Function

Enables automated disinfection cycles (UV activation) and air purification (HEPA filtration) before/after work shifts, ensuring a sterile environment without manual intervention.

5.Safety Interlock System

Prevents simultaneous operation of UV lamps with lighting or fan systems, eliminating risks of accidental exposure to ultraviolet radiation.

6.UV Lamp Delay Activation (5S~20S)

Automatically initiates a countdown timer upon activation, providing operators sufficient time to exit the work area before UV exposure begins.

7.Pressure Unit Conversion Function

Supports seamless switching between Pascal (Pa) and air velocity units (m/s), enabling real-time monitoring of airflow parameters critical for maintaining ISO Class 5 environments.



Scan



Display



Monitor

TECHNICAL PARAMETERS

Model	BBS-H1500B	BBS-H1800B
External Size (W*D*H)	1500*810*1740mm	1800*810*1940mm
Internal Size (W*D*H)	1370*550*600mm	1670*550*800mm
Work Surface Height	800mm	
Airflow Mode	Horizontal laminar flow	
Applicable Number of People	Double-person single-side	
Display	LCD display	
Airflow Velocity	0.3~0.45m/s	
Material- Working Area	304 stainless steel	
Material-Main Body	1.0mm cold-rolled steel with anti-bacteria powder coating	
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)	
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	
Consumption	400W	600W
LED Lamp	16W*1	16W*2
UV Lamp	30W*1	20W*2
Standard Accessories	LED lamp; UV lamp; Base stand; Waterproof socket*2; Hook*10	
Optional Accessory	Electric height adjustable base stand	
Package Size(W*D*H)	1640*1050*1350mm	1940*1050*1550mm
Gross Weight	225kg	280kg

ETL Certified Vertical Laminar Flow Cabinet





UV Lamp
Emission of 253.7nanometers
For most efficient decontamination



Waterproof Socket
America Standard



Footmaster Caster
Universal caster with brake and leveling feet



Wind Speed Sensor
Direct measurement of wind speed

ADVANTAGE

1. ETL certified, Satisfy North American market.
2. With memory function in case of power-failure.
3. Audio and visual alarm(Abnormal airflow velocity).
4. Interlock function: UV Lamp and blower, LED Lamp.

TECHNICAL PARAMETERS

Model	BBS-V800	BBS-V1100	BBS-V1300	BBS-V1500	BBS-V1800
External Size(W*D*H)	800*700*(2090~2340)mm	1100*700*(2090~2340)mm	1300*700*(2090~2340)mm	1500*700*(2090~2340)mm	1800*700*(2090~2340)mm
Internal Size(W*D*H)	700*575*625mm	1000*575*625mm	1200*575*625mm	1400*575*625mm	1700*575*625mm
Work Surface Height	760~1010mm				
Max Opening	480mm				
Display	LCD Display				
Airflow Velocity	80~99fpm				
Material	Working area: 304stainless Steel Main Body: Cold-rolled steel with anti-bacteria powder coating. Front Window: Motorized, 5mm toughened glass, anti-UV				
Pre-Filter	Polyester fiber				
HEPA Filter	One, 99.995% efficiency at 0.3μm				
Noise	≤68dB(A)				
Illumination	≥300lx				
Waterproof Sockets	One socket (Double type), America standard, Max.Power: 500W				
Power Supply	103.5~126.5V, 60Hz, 10A				
Consumption	900W	1110W	1110W	1110W	1250W
UV Lamp	20W*1	30W*1	30W*1	40W*1	40W*1
LED Lamp	10W*1	14W*1	14W*1	18W*1	22W*1
Standard Accessory	Manually height adjustable base stand, LED lamp, UV lamp, wind speed sensor, waterproof socket				
Package Size (W*D*H)	945*990*1610mm	1245*990*1610mm	1445*990*1610mm	1645*990*1610mm	1945*990*1610mm
Gross Weight	190kg	230kg	265kg	280kg	320kg

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	99.995% 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*970*1600mm	1960*970*1600mm

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 back panel, optimum convenience of using small devices inside the cabinet.



Glass side window

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



UV Lamp

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



Gas Tap



Foot-master Caster

Universal aster with brake and leveling feet.

ADVANTAGE

1. Vertical 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-V1300-I	BBS-V1800-I
External Size(W*D*H)	1300*750*1960mm	1800*750*1960mm
Internal Size(W*D*H)	1200*645*625mm	1700*645*625mm
Work Surface Height	750mm	
Max Opening	430mm	
Display	LCD display	
Airflow Velocity	0.30~0.45m/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	400W	450W
LED Lamp	12W*1	16W*1
UV Lamp	30W*1	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2; Gas tap	
Package Size(W*D*H)	1440*1070*1460mm	1940*1070*1460mm
Gross Weight	218kg	330kg

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*1640mm	1060*620*1850mm	1460*620*1850mm
Internal Size (W*D*H)	630*375*615mm	800*530*540mm	935*530*650mm	1335*530*650mm
Work Surface Height	/	750mm	750mm	750mm
Display	LED Display		LCD Display	
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable		Average of 0.3~0.45m/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	99.995% efficiency at 0.3 μm			
Noise	<65dB			
Front Window	/	Manual, 5mm toughened glass, anti-UV		
Max Opening	/	490mm	400mm	400mm
Illuminating Lamp	Fluorescent lamp	LED lamp	LED lamp	LED lamp
	8W*1	8W*1	12W*1	16W*1
UV Lamp	15W*1	20W*1	20W*1	40W*1
	Emission of 253.7 nanometers			
Consumption	160W	350W	150W	250W
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	75kg	116kg	177kg	224kg
Package Size (W*D*H)	840*570*1360mm	960*930*1200mm	1235*920*1355mm	1635*920*1355mm

Vertical Laminar Flow Cabinet





LCD Display
7-inch color touch screen, real-time display of running status



Wind Speed Sensor
High precision wind speed sensor, can be real-time wind speed detection.



Pressure Sensor
High precision pressure sensor, can be real-time pressure detection.



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.



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

ADVANTAGE

1. Made of high-quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet;
2. Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
3. Work zone is made of SUS304 material, beautiful and corrosion resistance;
4. The front and side Windows are made of 5mm thick tempered glass;
5. The base stand and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled;
6. 7-inch color touch screen, password configurable, real-time display of running status (air velocity, pressure, timer, UV lamp time, HEPA filter running time, running state);
7. With ultraviolet lamp, fan appointment timing function;
8. Equipped with wind speed sensor, display real-time wind speed, more accurate;
9. 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
10. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

TECHNICAL PARAMETERS

Model	BBS-DDC-S	BBS-SDC-S
External Size(W*D*H)	1060*620*1850mm	1460*620*1850mm
Internal Size(W*D*H)	935*530*650mm	1335*530*650mm
Work Surface Height	750mm	
Safety Height	200~350mm	
Max Opening	400mm	
Display	7-inch color touch screen	
Airflow Velocity	0.30~0.45m/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	Manual	
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	1150W(With 1000W loading)	1250W(With 1000W loading)
LED Lamp	12W*1	16W*1
UV Lamp	20W*1	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2.	
Package Size(W*D*H)	1235*920*1355mm	1635*920*1355mm
Gross Weight	177kg	224kg

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	99.995% efficiency at 0.3μm	
Noise	<65dB	
Front Window	Manual, 5mm toughened glass, anti-UV	
Max Opening	310mm	
UV Lamp	20W*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

Vertical Laminar Flow Cabinet





LCD Display

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



Double door design

The operator can operate from both sides. The efficiency of clean table is improved.



Waterproof Socket

2 waterproof sockets are located in the right and left panel, optimum convenience of using small devices inside the cabinet.



Foot-master Caster

Universal aster with brake and leveling feet.



UV Lamp

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

ADVANTAGE

1. Vertical laminar flow, double-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. The UV lamp is turned on after 5S to protect the safety of the operators;
11. 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
12. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

TECHNICAL PARAMETERS

Model	BBS-DSC-M	BBS-SSC-M
External Size(W*D*H)	1100*760*1850mm	1500*760*1850mm
Internal Size(W*D*H)	940*650*615mm	1340*650*615mm
Work Surface Height	750mm	
Safety Height	200~350mm	
Max Opening	400mm	
Display	LCD display	
Airflow Velocity	0.30~0.45m/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	Manual	
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	1150W	1250W
LED Lamp	12W*1	16W*1
UV Lamp	20W*1	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2.	
Package Size(W*D*H)	1240*1030*1350mm	1640*1030*1350mm
Gross Weight	195kg	231kg

Vertical Laminar Flow Cabinet



BKCB-V500



BKCB-V600



7-inch Color Touch Screen

Airflow Level



The Display of BKCB-V500



UV Lamp



Waterproof Socket



The Side Window

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
10. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
11. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
12. Perfect alarm system:

(1) The front window is not set height alarm: the front window is set height of 200mm, when the front window is not in the height position and the bottom position, sound alarm will be issued.
(2) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.
(3) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.

13. Safety interlock protection:

(1) Fan and front window interlock: when the front window door falls to the bottom, the fan will automatically close.
(2) The ultraviolet lamp, the front window and the lamp interlock: the front window door falls to the bottom and the lamp is not opened, the ultraviolet lamp can be opened to avoid the misoperation of the ultraviolet lamp causing harm to the human body.

TECHNICAL PARAMETERS

Model	BKCB-V500	BKCB-V600
Flow Mode	Vertical Flow	
Number of Users	Single	
Rated Power	120VA	650VA (including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz (Standard); 110±10%V, 60Hz (Optional)	
Airflow Velocity	0.2 m/s~0.45 m/s	
Noise	≤65dB（A）	
Lighting	≥300lx	
Vibration	≤5μm(rms)	
Safety	Colonies Number ≤ 0.5CFU/30min	
Clean Grade	ISO Level 5（100 levels）	
Filtration Efficiency	HEPA (H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%	
Front Window Safety Height	200mm	
Max Opening	260mm	240mm
Standard Accessory	LED lamp*1, UV lamp*2	LED lamp*1, UV lamp*2, Waterproof socket*2
Optional Accessory	Armrest*2, water tap, gas tap, electric height adjustable base stand	
Net Weight	45kg	50kg
Gross Weight	57kg	62kg
External Size(W*D*H)	550mm*460mm*700mm	600*460*710mm
Internal Size(W*D*H)	480mm*340mm*370mm	510*355*375mm
Package Size(W*D*H)	740*600*890mm	

Vertical Laminar Flow Cabinet





7-inch Color Touch Screen
Airflow Level



UV Lamp



Base Stand



Footmaster Caster
Universal Caster with
Brake and Leveling Feet

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
10. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
11. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
12. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.

TECHNICAL PARAMETERS

Model	BKCB-V900
Flow Mode	Vertical Flow
Number of Users	Single
Rated Power	150VA
Power Supply	220V±10%, 50Hz (Standard); 110±10%V, 60Hz (Optional)
Airflow Velocity	0.2 m/s~0.45 m/s
Noise	≤65dB（A）
Lighting	≥300lx
Vibration	≤5μm(rms)
Safety	Colonies Number ≤ 0.5CFU/30min
Clean Grade	ISO Level 5（100 levels）
Filtration Efficiency	HEPA (H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%
Front Window Safety Height	200mm
Max Opening	350mm
Work Surface Height	750mm(Customized)
Standard Accessory	LED lamp*1, UV lamp*2, Base stand
Optional Accessory	Armrest*2, water tap, gas tap, electric height adjustable base stand
Net Weight	175kg
Gross Weight	225kg
External Size(W*D*H)	900*630*1760mm
Internal Size(W*D*H)	800*515*550mm
Package Size(W*D*H)	1060*910*1275mm

Vertical Laminar Flow Cabinet





7-inch Color Touch Screen
Airflow Level



UV Lamp



Base Stand



Waterproof Socket

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
10. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
11. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
12. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
13. Perfect alarm system:

(1) The front window is not set height alarm: the front window is set height of 200mm, when the front window is not in the height position and the bottom position, sound alarm will be issued.
(2) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.
(3) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.

14. Safety interlock protection:

(1) Fan and front window interlock: when the front window door falls to the bottom, the fan will automatically close.
(2) The ultraviolet lamp, the front window and the lamp interlock: the front window door falls to the bottom and the lamp is not opened, the ultraviolet lamp can be opened to avoid the misoperation of the ultraviolet lamp causing harm to the human body.

TECHNICAL PARAMETERS

Model	BKCB-V1100	BKCB-V1300	BKCB-V1500
Flow Mode	Vertical Flow		
Number of Users	Single	1~2	
Rated Power	700VA (including operating area socket load 500VA)	850VA (including operating area socket load 500VA)	
Power Supply	220V±10%, 50Hz (Standard); 110±10%V, 60Hz(Optional)		
Airflow Velocity	0.2 m/s~0.45 m/s		
Noise	≤65dB (A)		
Lighting	≥300lx		
Vibration	≤5μm(rms)		
Safety	Colonies Number ≤ 0.5CFU/30min		
Clean Grade	ISO Level 5 (100 levels)		
Filtration Efficiency	HEPA (H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%		
Front Window Safety Height	200mm		
Max Opening	350mm		
Work Surface Height	750mm(Customized)		
Standard Accessory	LED lamp*1, UV lamp*2, Base stand, Waterproof socket*2		
Optional Accessory	Armrest*2, water tap, gas tap, electric height adjustable base stand		
Net Weight	190kg	225kg	235kg
Gross Weight	248kg	289kg	308kg
External Size(W*D*H)	1100*630*1860mm	1300*630*1860mm	1500*630*1860mm
Internal Size(W*D*H)	1000*515*650mm	1200*515*650mm	1400*515*650mm
Package Size(W*D*H)	1250*840*1420mm	1450*840*1420mm	1650*840*1420mm

Vertical Laminar Flow Cabinet





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



UV Lamp
Emission of 253.7 nanometersfor most effcient decontamination. The radiation intensity is not less than 400mW/m2



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



Footmaster Caster
Universal aster with brake and leveling feet

ADVANTAGE

1. Adjustable air speed: 8 levels.
2. 7° slope front ergonomics design, fatigue-free working posture.
3. Interlock function: UV Lamp and blower, LED Lamp.
4. UV lamp starts after 5 seconds delay. Protect operator safety.
5. With UV lamp, fan appointment timing function.
6. Set the safe height of the front window opening, and alarm when it is lower or higher than the safe height. Ensure that the performance of the equipment is stable.
7. Footmaster casters design, convenient cabinet movement and fixation.

TECHNICAL PARAMETERS

Model	BBS-V800-X	BBS-V1300-X	BBS-V1800-X
External Size(W*D*H)	800*665*1850mm	1300*710*1850mm	1800*710*1850mm
Internal Size(W*D*H)	700*575*625mm	1200*575*625mm	1700*575*625mm
Work Surface Height	750mm		
Max Opening	400mm		
Display	LCD display		
Airflow Velocity	0.3~0.45m/s		
Material	Working area: 304 stainless steel. Main body: 1.2mm 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		
Noise	≤65dB(A)		
Illumination	≥300lx		
Waterproof Sockets	Two sockets, Max. Power: 500W		
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)		
Consumption	650W	750W	900W
LED Lamp	8W*1	12W*1	16W*1
UV Lamp	20W*1	30W*1	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2.		
Optional Accessories	/		Camera, scanner, tablet computer
Package Size(W*D*H)	940*980*1350mm	1440*1050*1350mm	1940*1050*1350mm
Gross Weight	140kg	220kg	280kg

Vertical Laminar Flow Cabinet

—Return Air Type





LCD display

Display content: wind speed, time, including the working time of the UV lamp and the working time of the filter.



Two splashproof sockets.



UV Lamp

Emission of 254 nanometers formost efficient decontamination.

ADVANTAGE

* Air return type structure design: Part of the clean air is recycled to reduce the operator's blowing feeling and prolong the life of the filter.
* Product safety: the number of colonies is less than or equal to 0.5CFU/30min.
* Filtration efficiency: For 0.3 μm particles, the filtration efficiency can reach 99.995%.

TECHNICAL PARAMETERS

Model	BBS-V1100-XF	BBS-V1500-XF	BBS-V1800-XF
Airflow Pattern	Vertical laminar flow, return air		
Applicable number of people	1	2	3
External Size(W*D*H)	1100*710*1850mm	1500*710*1850mm	1800*710*1850mm
Instrument Size(W*D*H)	1000*575*625mm	1400*575*625mm	1700*575*625mm
Work Surface Height	750mm		
Max Opening	400mm		
Air Velocity	0.3~0.45m/s		
Airflow Volume	750m³/h		
Noise	≤65dB(A)		
LED Lamp	12W*1	16W*1	16W*1
UV Lamp	20W*1	40W*1	40W*1
Power Supply	220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	700W	750W	900W
HEPA Filter	1 pc		
Gross Weight	190kg	240kg	280kg
Package Size (W*D*H)	1240*1050*1350mm	1640*1050*1350mm	1940*1050*1350mm

PP Vertical Laminar Flow Cabinet



ADVANTAGE

1. Made of PP material, integrally welded
2. Resistant to strong acid, alkali and strong corrosion
3. With memory function in case of power-failure
4. Interlock function: UV Lamp and blower, LED Lamp
5.The work surface is seamlessly welded with PP plate, which is convenient for overall cleaning



LED Display
Airflow velocity, UV exposure time.



Waterproof Socket
Waterproof socket is located in the back panel, for optimum convenience of using small devices inside the cabinet.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet

TECHNICAL PARAMETERS

Model	BKCB-800P	BKCB-1000P	BKCB-1200P	BKCB-1500P
External Size (W*D*H)	800*710*1800mm	1000*710*1800mm	1200*710*1800mm	1500*710*1800mm
Internal Size (W*D*H)	780*540*550mm	980*540*550mm	1180*540*550mm	1480*540*550mm
Work Surface Height	750mm			
Material	Made of Porcelain white PP, resistant to strong acid, alkali and anti-corrosion.			
Side Window	5mm toughened glass, anti-UV			
Front Window	Manual			
Pre-filter	Polyester fiber			
HEPA Filter	99.995% efficiency at 0.3μm			
Airflow Velocity	0.3~0.5m/s			
Noise	≤65dB			
Max Opening	400mm			
UV Lamp	20W*1			
LED Lamp	8W*1			
Illumination	≥350lx			
Caster	Footmaster Caster			
Waterproof Socket	One, total load≤500W			
Consumption	650W	650W	700W	850W
Standard Accessory	UV lamp*1; LED lamp*1; Waterproof socket*1; Base stand			
Power Supply	AC220V,50/60Hz(Standard); 110V,50/60Hz(Optional)			
Package Size (W*D*H)	950*950*1300mm	1150*950*1300mm	1350*950*1300mm	1650*950*1300mm
Gross Weight	90kg	110kg	130kg	150kg

Compounding Hood



BBS-V500 & BYKG-VII



BBS-V600 & BYKG-VIII

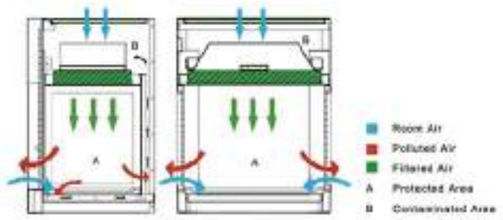


BBS-V700 & BYKG-IX
BYKG-X & BYKG-XII

There are two types:

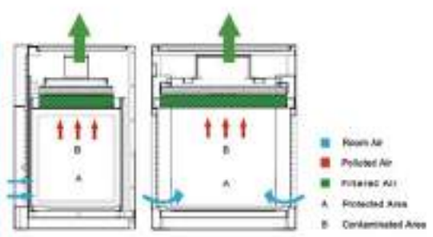
- Positive pressure in work area only protects sample.

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		300mm		590mm		660mm			
LED Lamp		4W*1				4W*2		12W*1	
UV Lamp		8W*1				15W*1	15W*1 (Optional)		
		Emission of 253.7 nanometers							
Consumption		100W		150W		300W	200W		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(only for BYKG-X BYKG-XII) LED Lamp*1,(LED Lamp*2 for BYKG-IX) 4 Meters PVC exhaust duct,diameter: 250mm		
Optional Accessory		/		Base stand			Base Stand, UV Lamp*2		
Gross Weight		57kg		90kg		100kg		145kg	190kg
Package Size (W*D*H)		700*610*925mm		760*740*1280mm		840*760*1400mm		1140*740*1340mm	1340*740*1380mm

PCR Cabinet



PCR1000

PCR800/PCR1200/ PCR1300/PCR1500



LCD Display

LCD Display(not including PCR-1000, PCR-1000's display is LED)



Waterproof Socket

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

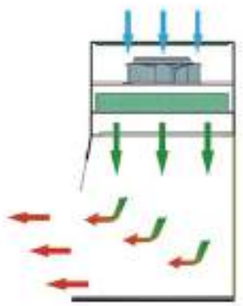


UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



Shelf with IV Bar





Side Glass Window

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

ADVANTAGE

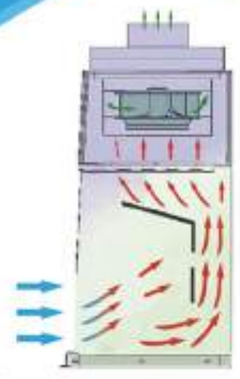
1. LCD display (LED display for PCR1000).
2. UV sterilization system.
3. HEPA filter efficiency 99.995% at 0.3μm.
4. With memory function in case of power-failure.
5. Interlock function: UV lamp only can be switched on when the front window is closed, ensuring operator safety.
6. UV timer (0-90 minutes): When the setting time expires, the UV lamp automatically switches off in preparation for the next experiment.

TECHNICAL PARAMETERS

Model	PCR800	PCR1000	PCR1200	PCR1300	PCR1500
External Size (W*D*H)	800*700*1770mm	1000*705*1770mm	1200*700*1770mm	1300*700*1770mm	1500*700*1770mm
Internal Size (W*D*H)	700*595*550mm	900*595*560mm	1100*595*550mm	1200*595*550mm	1400*595*550mm
Work Surface Height	750mm				
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel				
Front & Side Windows	5mm toughened glass , anti-UV				
	Motorized	Manual	Motorized		
Max Opening	300mm	320mm	300mm	300mm	300mm
Pre-Filter	Polyester fiber, Washable				
HEPA Filter	99.995% efficiency at 0.3μm.				
Airflow Velocity	0.3-0.5m/s, speed adjustable				
Noise	≤65dB				
UV Lamp	20W*1	20W*2	30W*1	30W*1	40W*1
	Emission of 253.7 nanometers, with UV timer				
LED Lamp	8W*2		12W*2		
Illumination	≥350lx				
Shelf with IV Bar	Stainless steel, 502*150*50mm (W*D*H)				
Caster	Universal caster with leveling feet				
Consumption	400W	300W	600W	600W	600W
Waterproof Socket	Two, total load≤500W				
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Standard Accessory	UV lamp, Fluorescent lamp, Base stand, Waterproof socket*2, Shelf with IV bar				
Optional Accessory	Electric height adjustable base stand				
Gross Weight	168kg	178kg	220kg	231kg	250kg
Package Size (W*D*H)	960*940*1450mm	1150*930*1450mm	1350*930*1450mm	1450*930*1450mm	1650*930*1450mm

Fume Hood

Fume Hood is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

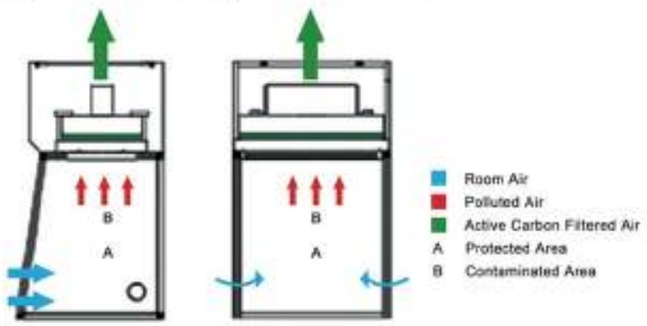


Ducted Fume Hood



Fume hood FH700: Negative pressure in work area protects operator and environment.

Air Flow Pattern:





LED Display
Digital LED display: Airflow Level



Folding acrylic front window, down part with free stop function



Three Side Glass Windows
Back&Side glass windows maximize light and visibility, providing a bright and open working environment



Base Stand
Optional

ADVANTAGE

1. Folding acrylic front window, down part with free stop function.
2. Microprocessor control system, LED display.
3. With memory function in case of power-failure.
4. Built-in centrifugal blower.
5. Interlock function: UV lamp and blower, LED lamp. (Only for choosing UV lamp).

Note: Experiments with strong acids and alkali, flamable or explosive substances cannot be conducted with this type fume hood.

TECHNICAL PARAMETERS

Model		FH700
External Size(W*D*H)		700*620*1150mm
Internal Size(W*D*H)		640*550*700mm
Max Opening		660mm
Air Velocity		0.3~0.8m/s
Noise		≤65dB
LED Lamp		4W*2
Blower		Built-in centrifugal blower; Speed adjustable
Front Window		Folding acrylic window, down part with free stop function
Material	Main Body	1.0mm cold-rolled steel with anti-bacteria powder coating
	Work Table	Chemical resistant phenolic resin
	Back&Side Windows	5mm toughened glass
Consumption		200W
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory		LED lamp, Active carbon filter, Blower, 4.3 meters PVC exhaust duct, Pipe strap
Optional Accessory		15W UV lamp, HEPA filter, Base stand
Gross Weight without Base Stand		100kg
Gross Weight with Base Stand		115kg
Package Size without Base Stand (W*D*H)		840*760*1400mm
Package Size with Base Stand (W*D*H)		840*960*1400mm

Ducted Fume Hood





LED Display
Digital LED display:
Airflow Level



Waterproof Socket



Universal Wheel



Water Remote Control



Water Tap



Water Tap & Water Sink

ADVANTAGE

1. Adjustable air speed: 9 levels.
2. Microprocessor control system, LED display.
3. Resistant to moderate acid and alkali.
4. With memory function in case of power-failure.
5. Manual front glass window, height adjustable.
6. Built-in PP centrifugal blower; low noise, easy installation.

TECHNICAL PARAMETERS

Model		FH1000(E)	FH1200(E)	FH1500(E)	FH1800(E)
External Size(W*D*H)		1000*800*2515mm	1200*800*2515mm	1500*800*2515mm	1800*800*2515mm
Internal Size(W*D*H)		790*600*870mm	990 *600*870mm	1290*600*870mm	1590*600*870mm
Work Surface Height		900mm			
Max Opening		750mm			
Air Velocity		0.3~0.8m/s			
System Exhaust Volume		570 m³/h	710 m³/h	930 m³/h	1140 m³/h
Noise		≤68dB			
Exhaust Duct		PVC,Standard length; 5 meters,Φ300mm			
Pipe Strap		2 pcs			
LED Lamp		20W *1		40W *1	
Blower		Built-in PP centrifugal blower			
Front Window		Manual, 5mm toughened glass, height adjustable			
Power Supply		220V±10%, 60/50Hz; 110V±10%, 60Hz			
Consumption		400W	400W	500W	500W
Material	Exterior	1.0mm cold-rolled steel with anti-bacterial powder coating			
	Interior	Compact laminate board with good acid and alkali resistance function			
	Work table	Chemical resistant phenolic resin			
Standard Accessory		PP Water sink, Total load of 2 waterproof sockets: 500w, Base cabinet, Water tap, 5 meters Exhaust duct(φ300mm).			
Optional Accessory		Gas valve, gas tap			
Gross Weight		186kg; 81kg	207kg; 89kg	233kg; 101kg	279kg; 130kg
Package	Main Body	1145*960*1865mm	1345*960*1865mm	1645*960*1875mm	1945*960*1875mm
	Base Cabinet	1145*960*1040mm	1345*960*1040mm	1645*960*1060mm	1945*960*1040mm

Ducted Fume Hood





LED Display



Waterproof Socket



Water&Gas Remote Control



Double Layer
1.2mm sheet metal surface, melamine board inward.

ADVANTAGE

1. UV lamp for sterilization.
2. resistant to weak acid and alkali.
3. Adjustable air speed: 9 levels.
4. Motorized front window, height adjustable.
5. Microprocessor control system, LED display.
6. With memory function in case of power-failure.

TECHNICAL PARAMETERS

Model		FH1000(A)	FH1200(A)	FH1500(A)	FH1800(A)
External Size (W*D*H)		1040*800*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200mm
Internal Size (W*D*H)		820*670*730mm	1020*670*730mm	1320*670*730mm	1620*670*730mm
Work Surface Height		850mm			
Max Opening		520mm			
Air Velocity		0.3~0.8m/s			
Exhaust Air Volume		590m³/h	730m³/h	950m³/h	1170m³/h
Noise		≤68dB			
Exhaust Duct		PVC, Standard length: 5 meters. Φ300mm			
LED Lamp		8W*1	12W*1	16W*1	16W*1
UV Lamp		Emission of 253.7 nanometers for most efficient decontamination			
Blower		Built-in centrifugal blower; Speed adjustable			
Front Window		5mm toughened glass; Motorized; Height adjustable			
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption		400W	400W	500W	500W
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.			
	Interior	Compact laminate board with good acid and alkali resistance function			
	Work Table	Chemical resistant phenolic resin			
Standard Accessories		UV lamp*2, LED lamp, Water tap, Gas tap, Water sink, Base cabinet Total load of 2 waterproof sockets: 500W 5 meters PVC exhaust duct, pipe strap*2			
Opticnal Accessory		Active carbon filter, HEPA filter			
Gross Weight		191kg; 79kg	207kg; 84kg	243kg; 100kg	285kg;113kg
Package	Main Body	1190*995*1660mm	1390*995*1680mm	1690*995*1660mm	1990*995*1660mm
	Base Cabinet	1190*995*930mm	1390*995*945mm	1690*995*930mm	1990*995*930mm

Ductless PP Fume Hood



FEATURES

1. The case is made of 8mmPP plate, with good finish and corrosion resistance.
2. The front window has 8°physiological incline, ergonomic design, larger viewing angle.
3. The front window is foldable acrylic window, and the lower acrylic window has the function of stopping at will.
4. Electronic control system with anti-overload, anti-shock and other functions, stable performance, long service life.
5. With power failure memory function, that is, when encountering a sudden power failure, power again can maintain the working state before the power failure, convenient experimental operation.

TECHNICAL PARAMETERS

Model	FH700(PD)
External Size	700*700*1100mm
Internal Size	680*606*688mm
Max Opening	640mm
Airflow Volume	230 m³/h
Air Velocity	0.3~0.8m/s
Noise	≤65dB(A)
LED Lamp	15W
Illumination	≥400lx
Blower	Built-in centrifugal blower
Power Supply	220V, 50/60Hz
Consumption	150W
Material	Main Body: PP plate, thickness 8mm Work Table: Chemical resistant phenolic resin
Standard Accessory	Active carbon filter*2
Optional Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp, HEPA filter
Net Weight	67kg
Gross Weight	87kg
Package Size	820*820*1280mm

Ductless PP Fume Hood



FEATURES

1. The case is made of 8mmPP plate, with good finish and corrosion resistance.
2. The front window has 8°physiological incline, ergonomic design, larger viewing angle.
3. The front window is foldable acrylic window, and the lower acrylic window has the function of stopping at will.
4. Electronic control system with anti-overload, anti-shock and other functions, stable performance, long service life.
5. With power failure memory function, that is, when encountering a sudden power failure, power again can maintain the working state before the power failure, convenient experimental operation.

TECHNICAL PARAMETERS

Model	FH1000(PD)	FH1500(PD)
External Size	1000*700*1100mm	1500*700*1100mm
Internal Size	980*606*688mm	1480*606*688mm
Max Opening	640mm	
Airflow Volume	230 m³/h	460 m³/h
Air Velocity	0.3~0.8m/s	
Noise	≤65dB(A)	
LED Lamp	15W	15W*2
Illumination	≥400lx	
Blower	Built-in centrifugal blower	Built-in centrifugal blower*2
Power Supply	220V, 50/60Hz	
Consumption	150W	300W
Material	Main Body: PP plate, thickness 8mm Work Table: Chemical resistant phenolic resin	
Standard Accessory	Active carbon filter*2	Active carbon filter*4
Optional Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp, HEPA filter	
Package Size	1120*820*1280mm	1630*830*1330mm
Net Weight	85kg	120kg
Gross Weight	115kg	150kg

Ducted PP Fume Hood





LED Display



Waterproof Socket



PP Sink
resistant to acid, alkali and anti-corrosion



Water&Gas Remote Control

ADVANTAGE

1. It is safer to use anti-corrosive water tap.
2. Microprocessor control system, LED display.
3. With memory function in case of power-failure.
4. Made of porcelain white PP, resistant to acid, alkali and anti-corrosion.
5. Front window which is made of 5mm thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.

TECHNICAL PARAMETERS

Model		FH1000(P)	FH1200(P)	FH1500(P)	FH1800(P)
External Size (W*D*H)		1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450 mm
Internal Size (W*D*H)		787*560*700mm	987*560*700mm	1287*560*700mm	1587*560*700 mm
Work Surface Height		820mm			
Max Opening		740mm			
Air Velocity		0.3~0.8m/s			
Noise		≤68dB			
Exhaust Duct		5 meters, Φ250mm			
LED Lamp		9W*2	12W*2	15W*2	20W*2
Blower		Built-in PP centrifugal blower (2 blowers for FH1800(P) only); Speed adjustable			
Front Window		Resistant to acid and alkali, Manual, 5mm toughened glass, height adjustable			
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption		400W	400W	500W	700W
Material	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion			
	Work Table	Chemical resistant phenolic resin			
Standard Accessory		LED light;Work table:Chemical resistant phenolic resin; 5 meters PVC duct (2 Pcs of 4.3 meters PVC duct for FH1800(P) only). Diameter: 250mm; Pipe strap*2(4 Pcs for FH1800(P) only); RVV power cord (3*1.0mm²*3000mm); Base cabinet; Waterproof socket*2; Tail insert; Water tap(PP); Gas tap(PP); Water Sink; PP centrifugal blower*1(2 for FH1800(P) only)			
Optional Accessory		PP work table, epoxy resin board or ceramic board; Outer PP centrifugal blower *1 (2 for FH1800(P) only); Splicable base cabinet(only not for FH1800(P))			
Gross Weight	Main Body Base Cabinet	137kg 89kg or 80kg(Splicable)	155kg 99kg or 90kg(Splicable)	180kg 114kg or 102kg(Splicable)	206kg 140kg
Package Size (W*D*H)	Main Body	1188*938*1612mm	1388*938*1612mm	1688*938*1612mm	1988*938*1612mm
	Base Cabinet	1188*888*1000mm or 1200*1000*450mm (Splicable)	1388*888*1000mm or 1400*1000*450mm (Splicable)	1688*888*1000mm or 1700*1000*450mm (Splicable)	1988*888*1000mm

PP Spray Flow Cabinet



INTRODUCTION

This style fume hood is a custom-made fume hood for perchloric acid. The alkaline water neutralization and circulation system behind the deflector of the fume hood is the primary neutralization system, and its function is to ensure that high concentrations of perchloric acid residues do not accumulate in the fume hood, thereby causing chemical reactions such as combustion, explosion or a lot of heat.

ADVANTAGE

1. Made of PP material, integrally welded
2. Resistant to strong acid, alkali and strong corrosion
3. Solid core physical and chemical board, PP board, ceramic board and other countertop materials are optional
4. The inside of the deflector is equipped with a spray system, which can neutralize the acid gas in the exhaust gas and then discharge it
5. The control panel can control the lighting system, circuit system, and air volume adjustment system
6. Circulating water dilution system includes acid and alkali resistant circulating pump, water tank,water inlet and outlet structure, and complete circulating water circuit



LED Display



Waterproof Socket



Circulating Pump



PP Sink
Resistant to acid, alkali and anti-corrosion



Water&Gas Remote Control

TECHNICAL PARAMETERS

Model		FH1000(PL)	FH1200(PL)	FH1500(PL)	FH1800(PL)
External Size (W*D*H)		1047*800*2675mm	1247*800*2675mm	1547*800*2675mm	1847*800*2675mm
Internal Size (W*D*H)		787*470*700mm	987*470*700mm	1287*470*700mm	1587*470*700mm
Work Surface Height		820mm			
Max. Opening		740mm			
Material	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.			
	Work Table	Solid core physical and chemical board			
Airflow Velocity		0.3~0.8m/s			
Exhaust Volume		560 m³/h	700 m³/h	920 m³/h	1130 m³/h
Consumption		400 W+370W(Pump)		500 W + 370W(Pump)	700 W + 370W(Pump)
Waterproof Socket		Two, total load≤500W			
Noise		≤68dB(A)			
Illumination		≥400lx			
LED Lamp		24W		30W	38W
Blower		Built-in PP centrifugal blower(2 blowers for FH1800(P) only); Speed adjustable; 300W			
Front Window		Resistant to acid and alkali, Manual, 5mm toughened glass, height adjustable.			
Operators		1~2	1~2	2~3	2~3
Standard Accessory		LED light; Work table: Chemical resistant phenolic resin; 5 meters PVC duct (2 pcs of 5 meters PVC duat for FH1800(P) only), Diameter: 250mm; Pipe strap*2 (4 pcs for FH1800(P) only); Base cabinet; PP centrifugal blower*1 (2 for FH1800(P) only) Waterproof socket*2 Water tap (PP); Gas tap (PP); Water Sink			
Optional Accessory		PP work table, epoxy resin board or ceramic board; UV lamp; Electric glass door			
Power Supply		220V,50/60Hz (Standard); 110V,60Hz (Optional)			
Package Size (W*D*H)		Main Body: 1188*938*1690mm Base Cabinet: 1188*888*1000mm	Main Body: 1388*938*1690mm Base Cabinet: 1388*888*1000mm	Main Body: 1688*938*1690mm Base Cabinet: 1688*888*1000mm	Main Body: 1988*938*1690mm Base Cabinet: 1988*888*1000mm
Gross Weight		137kg; 90kg	155kg; 100kg	180kg; 115kg	206kg; 140kg

Ducted Fume Hood





LED Display
Digital LED display: Airflow Level



Water & Gas Tap
Water Sink



Foot Switch
Use foot switch to adjust the height of front window.



Observation Window
Transparent side glass windows maximize light and visibility inside the cabinet.



Back Side Air Compensation
To avoid turbulence in work area

ADVANTAGE

1. UV lamp for sterilization.
2. Motorized front glass window.
3. Resistant to weak acid and alkali.
4. Adjustable air speed: 9 levels.
5. Alarm when filter working time 3500 hours.
6. With memory function in case of power-failure.
7. Back side air compensation, to avoid turbulence in work area.
8. 8°slope front ergonomics design, fatigue-free working posture.
9. Microprocessor control system, LED display shows filter working time.
10. Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

TECHNICAL PARAMETERS

Model	FH1000(X)	FH1200(X)	FH1500(X)	FH1800(X)
External Size (W*D*H)	1000*840*2150mm	1200*840*2150mm	1500*840*2150mm	1800*840*2150mm
Internal Size (W*D*H)	880*730*745mm	1080*730*745mm	1380*730*745mm	1680*730*745mm
Max Opening	520mm			
Work Surface Height	750mm			
Blower	Built-in centrifugal blower; Speed adjustable with 9 levels			
Air Velocity	0.3~0.8m/s			
System Exhaust Volume	630m³/h	780m³/h	990m³/h	1210m³/h
Noise	≤68dB			
LED Lamp	8W*1 for 110V 20W*1 for 220V	12W*1 for 110V 20W*1 for 220V	16W*1 for 110V 40W*1 for 220V	16W*1 for 110V 40W*1 for 220V
UV Lamp	20W		30W	
	Emission of 253.7 nanometers for most efficient decontamination			
Front Window	Motorized; 5 mm toughened glass, anti-UV			
Material	Exterior Body: Cold-rolled steel with anti-bacteria powder coating. Work table: Chemical resistant phenolic resin			
Waterproof Socket	1 pc	2 pcs	2 pcs	2 pcs
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W	400W	500W	500W
Standard Accessories	Water tap, Gas tap, Water sink, Base stand, UV lamp*2, LED lamp, Socket, 5 meters exhaust duct, Active carbon filter, Foot switch			
Optional Accessory	HEPA Filter			
Gross Weight	230kg	253kg	290kg	340kg
Package Size(W*D*H)	1150*1120*1680mm	1350*1120*1680mm	1650*1120*1680mm	1950*1120*1680mm

Ductless Fume Hood



FH1000(C)/FH1200(C)



FH1500(C)/FH1800(C)



LCD Display
LCD Touch Screen
Control Panel



Waterproof Socket



Water & Gas tap reserve mouth



Front Window
Front window reversal design



Explosion-proof Fluorescent Lamp

ADVANTAGE

1. LCD Touch screen control panel, easy to operate.
2. With memory function in case of power-failure
3. 8°slope front ergonomics design, fatigue-free working posture.
4. Temperature and humidity sensors, can detect indoor temperature and humidity.
5. Three side transparent Acrylic windows, front window reversal design, easy to operate.
6. The base cabinet is equipped with a middle partition.
7. Electronic control system, anti-overload, anti-electric shock, stable performance, long service life.
8. Inside and outside probe, detect indoor air pollution and filter conditions. Audible and visual alarm for changing filter.

TECHNICAL PARAMETERS

Model		FH1000(C)	FH1200(C)	FH1500(C)	FH1800(C)
External Size (W*D*H)		1000*830*2140mm	1200*830*2140mm	1500*940*2140mm	1800*940*2140mm
Internal Size (W*D*H)		910*690*740mm	1110*690*740mm	1410*690*740mm	1710*690*740mm
Work Surface Height		900mm			
Max. Opening		650mm			
Air Velocity		0.4~0.6m/s			
Airflow Volume		136m³/h		432m³/h	547m³/h
Noise		≤58dB(A)			
Fluorescent Lamp		12W*2		12W*3	
UV Lamp (Optional)		Emission of 253.7 nanometers for most efficient decontamination			
Blower		Built-in centrifugal blower, speed adjustable			
Front Window		Acrylic window; Manual; reversal design			
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption		400W		500W	
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating			
	Side Window	Acrylic Window			
	Work Table	Chemical resistant phenolic resin			
Chemical Filter		2 pcs		4 pcs	
Standard Accessory		Fluorescent Lamp, Base cabinet Total load of 2 waterproof sockets: 500W; Chemical Filter			
Optional Accessory		Water tap, Gas tap, Water sink, Electric height adjustable base stand,HEPA Filter, UV Lamp			
Gross Weight		163kg; 86kg	180kg; 95kg	249kg; 115kg	275kg; 129kg
Package Size	Main Body	1140*1040*1490mm	1350*1040*1490mm	1650*1140*1490mm	1950*1140*1490mm
	Base Cabinet	1140*1040*1060mm	1350*1040*1060mm	1650*1140*1060mm	1950*1140*1060mm

Ductless Fume Hood





5 inch Touch Screen



Oil Proof Explosion Proof Light



Waterproof Socket



Marble Countertops

ADVANTAGE

1. It meets the acceptance criteria of the platform and can meet the accuracy of the balance use level of one hundred thousand.
2. LCD Touch screen control panel, easy to operate.
3. With memory function in case of power-failure
4. 8°slope front ergonomics design, fatigue-free working posture.
5. Temperature and humidity sensors, can detect indoor temperature and humidity.
6. Three side transparent Acrylic windows, front window reversal design,easy to operate.
7. The operating area countertop adopts marble countertop, which can be disassembled for easy cleaning.
8. Electronic control system, anti-overload, anti-electric shock,stable performance, long service life.
9. Inside and outside probe,detect indoor air pollution and filter conditions.

TECHNICAL PARAMETERS

Model		FH1200(T)
External Size(W*D*H)		1230*630*2120mm
Instrument Size(W*D*H)		1110*740*700mm
Work Surface Height		880mm
Max Opening		650mm
Air Velocity		0.25~0.35m/s
Airflow Volume		136m³/h
Noise		≤58dB(A)
Fluorescent Lamp		12W*2
Blower		Built-in blower
Front Window		Acrylic window ;Manual;Reversal design
Consumption		400W
Power Supply		AC220V±10%, 50Hz/60Hz;110V±10%, 60Hz
Material	Exterior	1.0mm cold rolled steel sheet, electrostatic spraying
	Side Window	Acrylic window
	Work table	Marble countertops
HEPA Filter		1 pc
Optional Accessory		UV lamp
Gross Weight		180kg; 95kg
Package Size	Main Body	1380*1040*1490mm
	Base Cabinet	1380*1040*1060mm

Ducted Fume Hood



Desktop Type



Integral Type



LED Lamp



Footmaster Caster
Universal Caster with
Brake and Leveling Feet



Base Stand
Optional



Waterproof Socket

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, surface electrostatic spraying, with good finish.
3. The platform panel of the operation area of the fume hood is made of solid physical and chemical plate, which is resistant to acid and alkali corrosion and can be disassembled for easy cleaning (integral type).
4. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
5. Counterweight manual front window, height adjustable.
6. The base bracket and Footmaster castor integrated design, safely moved through the casters, also well fixed and levelled.
7. Equipped with PP axial flow fan, large air volume, low noise, long service life, easy installation.
8. The fan can be stepless speed regulation, the function button is push-button switch, stable performance.
9. The side of the cabinet body is equipped with lifting handles to facilitate carrying.

TECHNICAL PARAMETERS

Model		BK-FH700
Number of Users		Single
Rated Power		95W (Not including socket load power, load power cannot exceed 500W)
Power Supply		220V±10%, 50Hz (Standard); 110±10%V, 60Hz (Optional)
Exhaust Volume		1225 m^3/h
Air Velocity		0.3m/s~0.8 m/s
Noise		≤65dB（A）
LED Lamp		4W
Max Opening		400mm(Integral Type)
Tabletop Height		810mm(Integral Type)
Standard Accessory		LED Lamp, waterproof socket
Optional Accessory		UV lamp, water tap, active carbon filter, HEPA filter, chemical filter
Net Weight	Desktop Type	60kg
	Integral Type	80kg
Gross Weight	Desktop Type	78kg
	Integral Type	100kg
External Size (W*D*H)	Desktop Type	700*650*1050mm
	Integral Type	700*650*1850mm
Internal Size(W*D*H)		580*510*687mm
Package Size (W*D*H)	Desktop Type	805*840*1250mm
	Integral Type	960*840*1250mm

Ducted Fume Hood



Desktop Type



Integral Type



LED Lamp



Footmaster Caster
Universal Caster with
Brake and Leveling Feet



Base Stand
Optional



Waterproof Socket

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, surface electrostatic spraying, with good finish.
3. The platform panel of the operation area of the fume hood is made of solid physical and chemical plate, which is resistant to acid and alkali corrosion and can be disassembled for easy cleaning (integral type).
4. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
5. Counterweight manual front window, height adjustable.
6. The base bracket and Footmaster castor integrated design, safely moved through the casters, also well fixed and levelled.
7. Equipped with PP axial flow fan, large air volume, low noise, long service life, easy installation.
8. The fan can be stepless speed regulation, the function button is push-button switch, stable performance.
9. The side of the cabinet body is equipped with lifting handles to facilitate carrying.

TECHNICAL PARAMETERS

Model		BK-FH1100	BK-FH1200	BK-FH1300	BK-FH1500	BK-FH1800
Number of Users		Single	1~2			1~3
Rated Power		125W (Not including socket load power, load power cannot exceed 500W)				
Power Supply		220V±10%, 50Hz (Standard); 110±10%V, 60Hz (Optional)				
Exhaust Volume		1850 m³/h				
Air Velocity		0.3m/s~0.8 m/s				
Noise		≤65dB (A)				
LED Lamp		12W			16W	
Max Opening		490mm(Integral Type)				
Tabletop Height		810mm(Integral Type)				
Standard Accessory		LED Lamp, waterproof socket				
Optional Accessory		UV lamp, water tap, active carbon filter, HEPA filter, chemical filter				
Net Weight	Desktop Type	85kg	89kg	93kg	102kg	114kg
	Integral Type	126kg	132kg	138kg	151kg	170kg
External Size (W*D*H)	Desktop Type	1100*800*1260mm	1200*800*1260mm	1300*800*1260mm	1500*800*1260mm	1800*800*1260mm
	Integral Type	1100*800*2060mm	1200*800*2060mm	1300*800*2060mm	1500*800*2060mm	1800*800*2060mm
Internal Size(W*D*H)		980*660*847mm	1080*660*847mm	1180*660*847mm	1380*660*847mm	1680*660*847mm
Package Size (W*D*H)	Desktop Type	1240*955*1420mm	1340*955*1420mm	1440*955*1420mm	1660*975*1485mm	1960*975*1485mm
	Integral Type	1240*1110*1420mm	1340*1110*1420mm	1440*1110*1420mm	1660*1130*1485mm	1960*1130*1485mm
Gross Weight	Desktop Type	110kg	116kg	123kg	182kg	204kg
	Integral Type	153kg	161kg	170kg	234kg	263kg

Ducted Fume Hood





5-inch LCD Touch Screen



Water Valve



Temperature and Humidity Sensor



Water Tap

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, with surface electrostatic spraying and good finish.
3. The platform panel of the operation area of the fume hood is made of solid physical and chemical plate, corrosion resistance, easy disassembled for cleaning(integral type).
4. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
5. Counterweight manual front window, height adjustable.
6. Equipped with large capacity bottom cabinet to place laboratory supplies, surface electrostatic spraying, more beautiful and practical.
7. Equipped with wall mounted water supply cock, water supply flow control valve, laboratory sink, convenient experiment.
8. Equipped with PP centrifugal fan, large air volume, low noise, long service life, easy installation.
9. Equipped with a 5-inch LCD touch screen, the running state of the machine is clear.
10. The cabinet is equipped with a lifting handle on the side to facilitate the handling of the fume hood during on-site installation.

TECHNICAL PARAMETERS

Model		BK-FH1200E	BK-FH1500E
Number of Users		1~2	
Rated Power		300W	320W
Power Supply		220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)	
Exhaust Volume		2300m³/h	
Air Velocity		0.3m/s~0.8m/s	
Noise		≤65dB(A)	
LED Lamp Power		12W	
Max Opening		500mm	
Tabletop Height		920mm	
Standard Accessory		LED lamp*1, water-proof socket*2, temperature and humidity sensor, water tap, water valve	
Optional Accessory		Armrest*2, gas tap, gas valve, UV lamp, active carbon filter, HEPA filter, chemical filter	
Net Weight		181kg	238kg
External Size(W*D*H)		1200*800*2550mm	1500*800*2550mm
Internal Size(W*D*H)		990*605*900mm	1290*605*900mm
Gross Weight	Cabinet	214kg	276kg
	Base Stand	102kg	122kg
Package Size(W*D*H)	Cabinet	1360*960*1910mm	1658*958*1937mm
	Base Stand	1360*960*1045mm	1658*958*1061mm

Ducted Fume Hood



Integral Type



Tabletop Type



PP axial flow fan



Solid core physical and chemical board



Wind speed is infinitely controlled



Waterproof socket

INTRODUCTION

Fume Hood is used to protect lab environment and operator during general chemical applications.
It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

ADVANTAGE

1.With memory function in case of power-failure.
2.Adjustable air speed.
3.Motorized front window, height adjustable.
4.The operation area adopts Compact Laminate board, with high corrosion resistance.

TECHNICAL PARAMETERS

Model	FH700(L)	FH1000(L)	FH1100(L)	FH1200(L)	FH1300(L)	FH1500(L)	FH1800(L)
External Size(W*D*H)mm	700*650*	1000*800*	1100*800*	1200*800*	1300*800*	1500*800*	1800*800*
(Tabletop Type)	1260	1260	1260	1260	1260	1260	1260
External Size(W*D*H)mm	700*650*	1000*800*	1100*800*	1200*800*	1300*800*	1500*800*	1800*800*
(Integral Type)	2000	2000	2000	2000	2000	2000	2000
Internal Size(W*D*H)mm	580*570*835	880*720*835	980*720*835	1080*720*835	1180*720*835	1380*720*835	1680*720*835
Airflow pattern	Negative pressure exhaust						
Max Opening	500mm						
Air Velocity	0.3-0.8m/s						
System Exhaust Volume	420m³/h	630m³/h	700m³/h	770m³/h	840m³/h	980m³/h	1190m³/h
Noise	≤68dB						
LED Lamp	4w*2	8w	12w				16W
Illumination	≥300lx						
Vibration	Amplitude ≤5μm						
Consumption	400w						
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz						
Exterior Meterial	Cold-rolled steel with anti-bacteria powder coating, electrostatic spraying						
Interior Meterial	5mm Compact Laminate board						
Standard Accessories (Tabletop Type)	Socket, fan, LED lamp, 5m PVC duct						
Standard Accessories (Integral Type)	Socket, fan, LED lamp,5m PVC duct, base cabinet, Solid core physical and chemical board						
Optional Accessory (Integral Type)	Water tap, gas tap, water sink						
Number of users	1	1	1-2				2-3
Gross Weight (Tabletop Type)	85	124	135	146	153	174	198
Gross Weight (Integral Type)	110	160	169	179	190	211	236
Package Size(W*D*H)mm	840*790*	1140*940*	1240*940*	1340*940*	1440*940*	1640*940*	1940*940*
(Tabletop Type)	1460	1460	1460	1460	1460	1460	1460
Package Size(W*D*H)mm	840*950*	1140*1100*	1240*1100*	1340*1100*	1440*1100*	1640*1100*	1940*1100*
(Integral Type)	1460	1460	1460	1460	1460	1460	1460

Walk-in Fume Hood





Water Sink



Exhaust Fan



Water & Gas Valve



Water & Gas Tap

ADVANTAGE

1. With memory function in case of power-failure.
2. Operators are available to walk into the fume hood to operate if need.
3. Large room exhaust system, suitable for large laboratory instruments and equipment.

TECHNICAL PARAMETERS

Model		FH1200(W)	FH1500(W)	FH1800(W)
External Size (W*D*H)		1200*800*2250mm	1500*800*2250mm	1800*800*2250mm
Internal Size (W*D*H)		980*550*1670mm	1280*550*1670mm	1580*550*1670mm
Max Opening		1300mm		
Exhaust Airflow Volume		1150m³/h	1500m³/h	1850m³/h
Inflow Air Velocity		0.3~0.8m/s		
Noise		≤ 62dB		
Vibration		Amplitude ≤5μm		
Illumination		≥800Lux		
LED Lamp		12W*2	16W*2	16W*2
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption		400W	500W	800W
Front Window		Manual, 5mm toughened glass,height adjustable		
Material	Exterior	1.0mm cold-rolled steel with anti-bacteria powder coating.		
	Interior	Compact laminate board with good acid and alkali resistance function		
Standard Accessory		External blower, LED lamp, Water tap, Gas tap, PP water sink, Water valve, Gas valve, Waterproof sockets*4, 5 meters duct		
Sockets		Total load of 4 waterproof sockets: ≤500W		
Package Size (W*D*H)	Main Body	1400*1050*2450mm	1710*1050*2450mm	2010*1050*2450mm
	Exhaust Blower	970*810*720mm	1040*890*710mm	1040*890*710mm
Gross Wight		260kg; 40kg	290kg; 50kg	340kg; 50kg

Mobile Fume Extractor



INTRODUCTION

The mobile fume extractor is an air purification equipment which can provide the partial high pure environment.
The airflow is vertical laminar flow type. It is widely used in medical research laboratories, precision instrument, bio-pharmacy,micro-organism studies and etc.

FEATURES

1. Freely moving, easy to operate and install.
2. The purification system consists of fan, primarily efficient filter, high efficient filter and activated carbon filter.
3. HEPA filter ensures the filtering efficiency to 99.995% efficiency at 0.3μm.

TECHNICAL PARAMETERS

Model	MFE-I
External Size(W*D*H)	500*500*980mm
Air Velocity	0.3~0.5m/s
Filter Efficiency	99.995% efficiency at 0.3μm
Noise	≤75dB(A)
Suction Inlet Diameter	375mm
Rated Power	180W
Power Supply	AC110V/220V±10%, 50Hz/60Hz;
Gross Weight	76kg(15kg for Extracting arm; 61kg for Purification system)
Net Weight	67kg
Package Size(W*D*H)	810*510*600mm(Extracting arm) 630*630*1175mm(Purification system)

FFU (Fan Filter Unit)





FEATURES

1. FFU shell and HEPA filter adopt split design, easy to install and replace.
2. Microprocessor control system, energy-saving and low noise.
3. Long service-life blower, up to 100,000 hours, maintenance-free and small vibration.
4. Suitable for using separately or connecting together for assembly line.
5. Made of aluminium coated zinc plate, anti-corrosion, rust-proof and light weight.

TECHNICAL PARAMETERS

Model	FFU1000	FFU1200	FFU1500	FFU1800
External Size(W*D*H)	975*575*380mm	1175*575*380 mm	1475*575*380 mm	1775*575*380 mm
Air Velocity	0.45 m/s±20%			
HEPA Filter	99.999% efficiency at 0.3μm			
HEPA Filter Size(W*D*H)	970*570*69mm	1170*570*69mm	1470*570*69mm	1770*570*69mm
Blower	Built-in centrifugal blower			
Noise	≤60dB			
Consumption	110W		220W	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 50/60Hz			
Shell Material	Aluminium coated zinc plate			
Gross Weight	60kg	70 kg	90kg	110kg
Package Size(W*D*H)	1135*800*540mm	1335*800*540mm	1635*800*540mm	1935*800*540mm

Clean Booth (Down Flow Booth)





Customization Available



Reference Picture



Design Drawing



Microprocessor Control
Users can control the fan, light, UV and adjust the air velocity with it.



FFU(Fan Filter Unit), which draws in contaminated air from the top of the module, and exhausts filtered clean air vertically in a unidirectional (laminar) air stream at its base, is a self-contained fan and filter module for clean room applications.



Soft Wall Material
PVC anti-static dustproof curtain.

INTRODUCTION

Clean booth is a kind of air purifying equipment providing partial high clean environment, It's the easiest and fastest way to build a simple clean room. Equipped with a lot of clean level and space collocation, it can be designed as request. Main characteristics: simple use, good flexibility, easy installation, short construction time, and movable. It can be installed in part of clean room of general level which requires high cleanliness to save cost.

FEATURES

1. Customized design is welcomed.
2. It can be used singly or combined.
3. Compared with civil type and fabricated type clean room of hundred clean level, it has low running cost and fast effect and can be easily installed.
4. Modular construction, easy to increase clean level, good expansion and reusable, convenient movement (Universal wheel can be installed).

TECHNICAL PARAMETERS

Model	BKCB-1500	BKCB-2000	BKCB-3000	BKCB-5000
External Size (W*D*H)	2000*1500*2530mm	3000*2000*2530mm	4000*3000*2530mm	5000*5000*2530mm
Internal Size (W*D*H)	1920*1380*2140mm	2920*1880*2115mm	3880*2880*2095mm	4880*4880*2095mm
HEPA Filter	99.995% efficiency at 0.3μm			
Consumption	800W	1500W	2800W	5500W
FFU Nos.	4pcs	6pcs	12pcs	25pcs
Clean Level	ISO 5(Class100), Class A			
Control System	Microprocessor control system			
Rectangular Tube Material	Aluminium alloy			
Wall Material	Anti-static dustproof curtain			
Blower	Built-in centrifugal blower, speed adjustable			
UV Lamp	40W*2	40W*2	40W*3	40W*5
	Emission of 253.7 nanometers with UV timer			
Illumination Lamp	16W*1	16W*2	16W*3	16W*5
	LED Lamp, Illumination: ≥300lux			
Air Velocity	0.1~0.6m/s, average 0.45m/s			
Noise	≤75dB			
Power Supply	AC220V±10%, 60Hz/50Hz; 110V±10%, 60Hz			
Gross Weight	390kg	670kg	1100kg	2900kg
Net Weight	355kg	625kg	1020kg	2800kg
Package Size(W*D*H)	2110*930*920mm 2280*660*500mm	3080*980*1280mm 3080*660*550mm	3200*880*980 *1 3200*1820*1350*1	4080*980*1280mm*3 1260*660*1280mm 5080*460*500mm
Customized design for clean level, size or material is available				

Dispensing Booth (Sampling or Weighing Booth)



Customization Available



Reference Picture



Air Flow Pattern



Differential Pressure Gauge

Dwyer make Magnehelic gauges are used to measure the pressure drop HEPA filter 0-500 Pa.



LCD Display

Microprocessor control system



Reference Picture



Soft Wall Material

PVC anti-static dustproof curtain.

INTRODUCTION

Dispensing booth is a kind of partial purifying equipment for filling, refilling, weighing and sampling of raw material and compounds. It is provided with HEPA filter, which prevents the airborne dusts by down draught technique. The unit eliminates powder contamination to protect the operator and the surrounding environment.

Dispensing booth is also called sampling booth or weighing booth.

FEATURES

1. Customized design is welcome.
2. Unique designed air duct effectively controls the noise.
3. Smooth transitions of wall and ground can eliminate the blind angle.
4. Differential pressure gauge is equipped to real-time monitor the filters.
5. Intelligent control mode and alarm system ensure the reliability of running.
6. Automatic changeable frequency system monitors the air velocity to ensure its stability in the work area.
7. Uniform flow design of main working area can protects the operators and prevent environmental pollution and cross contamination of products.
8. Dispensing Booth(Sampling or Weighing Booth) has primary filters, medium efficiency filters and HEPA filters to keep air cleanliness of work area.

TECHNICAL PARAMETERS

Model	BKDB-1200	BKDB-1800	BKDB-2400
Clean Level	ISO 5 (Class 100), Class A		
HEPA Filters	99.995% efficiency at 0.3μm		
Air volume	Supply air volume: ≤7500m³/h, Exhaust air volume: ≤2250m³/h; Adjustable		
Material	Fully stainless steel		
Air Velocity	0.3~0.6m/s, adjustable		
Pressure Gauge	3 pcs		
Noise	≤75dB		
UV Lamp	30W*1	40W*1	30W*2
	Emission of 253.7 nanometers, with UV timer		
Illuminating Lamp	14W*4	16W*4	16W*2 &14W*4
	LED Lamp, Illumination: ≥500lux		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	500W	1000W	1700W
Sockets	2 pcs		
Work Area Size(W*D*H)	1200*1200*2000mm	1800*1800*2000mm	2400*1800*2000mm
External Size(W*D*H)	1300*1700*2400mm	1900*2300*2400mm	2500*2400*2400mm
Gross Weight	420kg	750kg	840kg
Package Size(W*D*H)	1440*2540*1980mm	2020*760*2420mm 2020*660*495mm 1950*530*2160mm	2640*960*2380mm 2640*780*680mm 2640*560*2250mm
Customized design for clean level, size or material is available			

Pathology Workstation



APPLICATION

Pathological sampling bench is widely used in hospital pathology department, pathology laboratory, etc. Reasonable ventilation system protects operator away from the harmful gas produced by the formalin during sampling. The hot & cold water system ensures it can adapt work in different climates.

ADVANTAGE

1. Odor-remove function.
2. Single water sink, two-person operations.
3. Exhaust air system: High-power suction device, low noise.
4. Optional water heater is available, realizing hot & cold water adjustment.
5. The base cabinet is inward-concave type, convenient for sitting operation.
6. Optional pulverizer can completely smash the waste during test, to avoid blocking drainage pipes.
7. Automatic flushing device, slightly right-side inclined worktable, easy for waste discharge and cleaning.

TECHNICAL PARAMETERS

Model		QCT-1000	QCT-1500	QCT-1800
External Size(W*D*H)		1000*750*1950mm	1500*750*1950mm	1800*750*1950mm
Working Area Size(W*D)		895*430mm	1395*430mm	1695*430mm
Work Surface Height		850mm		
Rated Consumption		300W	300W	300W
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Exhaust Airflow Volume		500-600m³/h		
Material	Main Body	304 stainless steel		
	Work Table	304 stainless steel		
Standard Accessories		Built-in fan, UV lamp, spotlight, LED lighting, telescopic faucet, activated carbon filter, hot and cold taps, transparent socket, sink, side countertop flushing part		
Optional Accessories		Water heater, pulverizer, eye washer, magnetic adsorption tool, LED floor magnifying glass, sampling plate, computer stand, stainless steel paper box, camera, large object imaging system, splash guard, hand dryer, external exhaust fan		
Package Size(W*D*H)		1160*890*2170mm	1660*890*2170mm	1960*890*2170mm
Gross Weight		250kg	300kg	340kg



Configuration

UV Light;
Fluorescent Light;
Adjustable Spotlight;
Stainless Steel Hanger;
"UV, FAN, LIGHT, PULVERIZER" Control.



Suction Inlet

The suction inlet adopts an oblong hole design.
The upper mouthing structure ensures above blower suction, avoiding air back-streaming.



Auto Flushing Design

Automatic flushing device, slightly right-side slope worktable, easy to waste discharge and cleaning.



Water Tap & Sink

Stainless steel;
Whole-structure.



Flex Magnifier Light(Optional)



Pulverizer (Optional)

Completely smash the waste during test, to avoid blocking drainage pipes.

Laminar Flow Pathology Workstation





360°rotatable and adjustable spotlight, convenient for taking materials



Formaldehyde perfusion universal faucet, The telescopic faucet is convenient for cleaning the countertop



Foldable hot and cold faucet



Real-time display of intelligent control parameters,Human body induction switch is easy to operate

APPLICATION

Pathological sampling bench is widely used in hospital pathology department, pathology laboratory, etc. Reasonable ventilation system protects operator away from the harmful gas produced by the formalin during sampling. The hot & cold water system ensures it can adapt work in different climates.

ADVANTAGE

1. The open table design is adopted, and the front and rear of the operation area are unobstructed to ensure the maximum experimental space.
2. Airflow pattern design with top air supply and bottom exhaust.
3. Intelligent control system adopts LCD operation panel.
4. The whole machine is made of 304 stainless steel, easy to clean.
5. Standard formaldehyde filling device, built-in liquid tank, with liquid filling accessories and low liquid level alarm system, convenient for filling formaldehyde.

TECHNICAL PARAMETERS

Model	QCT-1800L
External Size	1800*800*2000mm
Operating Table Size	1455*490mm
Operating Table Adjustable Height	800-950mm
Airflow Pattern	Top air supply and bottom exhaust
Standard Function	Formaldehyde perfusion system, table lifting system, human body induction Switch, touch control screen, spotlight, UV lamp, LED lighting, telescopic faucet, folding hot and cold faucet, motorized non-return valve, sink, transparent socket
Optional Function	LED floor-standing magnifying glass, specimen preparation board, stainless steel tissue box, gross specimen imaging system, portable display stand, dryer, and exhaust fan.
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz
Net Weight	380kg
Packing Size(W*D*H)	2000*960*2300mm
Gross Weight	410kg

Chicken Isolator



INTRODUCTION

Chicken isolator is Positive pressure isolator.
BCI-I Chicken Isolator is designed for SPF chicken feeding and poultry disease testing.

ADVANTAGE

1. Automatic water supply system, adjustable height drinking tank.
2. Special sealing design, ensure good sealing performance.
3. Manipulation of the chicken can be realized via gloves from both sides.
4. Adopt full 304 stainless steel material, high quality accessories, such as Butyl gloves, HEPA filter etc.
5. Filtration system, can protect animals, environment and operator.
   Pre-filter→ main HEPA filter→Filter cotton.
6. Three sterilization ways available.
   ① UV lamp for sterilization.
   ② Reserved hole for hot steam sterilization.
   ③ Reserved hole for disinfectant spraying sterilization.
7. Unique defecation system & fecal leakage shelf. Animal wastes drop from shelf to bottom fecal collection film, then pull of collecting film and clean out wastes conveniently and quickly, reduce the cleaning frequency.
8. The inner wall of the glove mouth is equipped with a sliding sealing plate, which can seal the glove mouth when there is no operation.
9. The heating lamp adopts high temperature resistant lamp holder, and has protective cover to prevent chickens from touching, safe and reliable.

TECHNICAL PARAMETERS

Model	BCI-I
External Size (W*D*H)	2200*850*1800mm
Animal Activity Area(W*D*H)	1600*750*820mm
Waste Collection Area(W*D*H)	1600*750*250mm
Display	LED display: temperature,humidity adjustable(10-50℃), with fluorescent lamp, UV lamp, heating lamp, fan button
Air Change Rate	≥20 times/h
Airflow Velocity	0.1m/s~0.2m/s within the chicken living space
Falling Bacteria (numbers/utensil/hour)	0
Filter	Pre-filter, Mid-filter, HEPA (H14) filter
Noise	≤70dB(A)
Alarm	High and low temperature alarm
Caster	Universal caster with brake and leveling feet
Rated Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Rated Consumption	700W
Gross Weight	279kg
Package Size (W*D*H)	2430*1010*2070mm
Standard Accessories	Pre-filter*2, HEPA filter*2, Mid-filter*2, UV lamp, heating lamp*2, high quality butyl gloves*6(pairs), feeding and drinking system



LED Display
Temperature and humidity, with fan, UV lamp, fluorescent lamp, heating lamp control buttons.



Footmaster Caster
Universal caster with brake and leveling feet, easy to move and fix



Depressurization Type Water Tank
With automatic feed water system, labor saving



Filters Pattern

Duck Isolator





LED Display
Temperature and humidity, with fan, UV lamp, fluorescent lamp, heating lamp control buttons.



Footmaster Caster
Universal caster with brake and leveling feet, easy to move and fix



Depressurization Type Water Tank
With automatic feed water system, labor saving



Filters Pattern

INTRODUCTION

Duck isolators are isolation devices designed specifically for ducks and other poultry, mainly used in animal experiments, veterinary research, disease control, and poultry health management scenarios. The main purpose of isolators is to create a safe and controllable environment to prevent disease transmission, cross infection, and ensure the accuracy of experimental results.

ADVANTAGE

1.LED digital display with keyboard, real-time display of temperature and humidity, more intuitive.
2. Equipped with an automatic temperature control system, there are two heating lights inside the chamber that can be ensure temperature stable.
3. Equipped with high and low temperature alarm system.
4. Equipped with disinfection functions, the top UV lamp facilitates disinfection
5. Made of 304 stainless steel, easy to clean and disinfected, beautiful corrosion resistant and easy to clean.
6. The air inlet and exhaust are respectively equipped with primary effect, medium effect and HEPA high efficiency three filtration to ensure the cleanliness of the cavity body of the isolator and the external environment. The primary effect filter can be cleaned regularly to block large particles and dust to extend the life of the high efficiency filter.
7. Convenience of observation and operation, with observation windows and operation ports designed for researchers to observe the behavior and health status of the ducks and perform necessary operations such as sampling and feeding.
8. Good ventilation system, which helps maintain fresh air and effectively controls the number of air exchanges to avoid the accumulation of harmful gases.

TECHNICAL PARAMETERS

Model	BCI-II
External Size (W*D*H)	2594*812*1820mm
Animal Activity Area(W*D*H)	1994*712*800mm
Air Exchange Rate	≥20 times/h
Airflow Velocity	0.1m/s~0.2m/s within the duck living space
Falling Bacteria (numbers/utensil/hour)	0
Filter	Pre-filter, Mid-filter, HEPA (H14) filter
Noise	≤70dB（A）
Standard Accessories	heating lamp, Lighting lamp, UV lamp, feeding and drinking system, gloves*10(pairs), Temperature and Humidity Sensors, Pressure Differential Sensors
Power Supply	AC220±10%, 50Hz/60Hz（Standard）, 110v 50/60hz （Optional, external transformer）
Consumption	700W
Package Size W*D*H)	2845*992*2050mm
Net Weight	303kg
Gross Weight	423kg

Biological Isolation Chamber



INTRODUCTION

Isolation chamber is equipped with its own negative pressure filtration system to provide maximum protection and operational safety for both the contaminated person or item and the operational team.



FEATURES

1. The chamber liner is made from a special TPU film and strengthened by inserting Aluminum rod along each side of the structure.
2. The "all around" zipper system allows for the chamber to open completely in order for easy operation.
3. The chamber has 10 integrated glove portals on three sides to allow for easy access to the patient and 2 utility portals used for infusions and other medical equipment.
4. Belt system enables the patient to be fastened while in the chamber or the chamber is securely fastened to a stretcher or bed.
5. Isolation chamber is a fully collapsible unit that requires minimal storage space and is ready for use within minutes.
6. The chamber must be used with a folding stretcher or stretcher trolley, which will be easy to move the patient.



Aluminum support & ABS Poles



Negative Generation System



Zipper System



Utility Portals



HEPA Filter



Belt



Optional



Glove Portals



Charger

TECHNICAL PARAMETERS

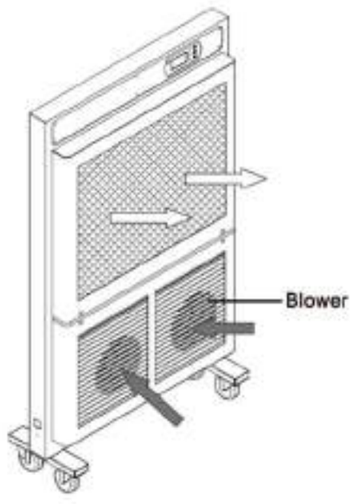
Model	BFG-IV	BFG-VI
Unfolded Size (L*W*H)	1900*560*500mm	1900*680*500mm
HEPA Filter	3pcs, 99.999% efficiency for 0.3μm particles	
Ventilation	≥50L/min	
Chamber Noise	≤65dB(A)	
Alarm	Audio and visual alarm for internal pressure insufficient and low power	
Negative Pressure	≥ 15Pa in two minutes after power on	
Standard Accessory	The main chamber, 3pcs disposable HEPA filter, Negative generation system, 5 pairs PE gloves, Battery and charger, 8 long aluminum rods, 4 short aluminum rods, 8 knurled bolts	
Consumables	HEPA filter (3pcs/set), PE gloves	
Disinfection	Chlorinated disinfectants sterilize surfaces	
Optional	Folding stretcher; Stretcher trolley	
Load-Bearing	Up to 150kg	
Power Supply	DC12V power adapter. Battery charging for 8 hours and continuously using for 4~8 hours	
Package Size (L*W*H)	860*860*760mm	
Net Weight	18kg	20kg
Gross Weight	40kg	42kg

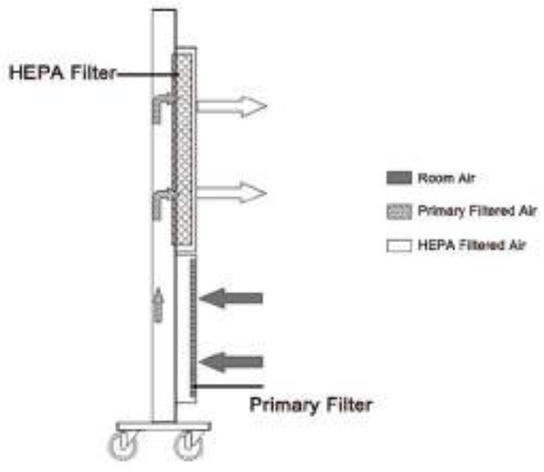
Air Purifier











FEATURES

Air purifier is an air purification equipment, which is widely used in hospital, small clinic, laboratory, office, meeting room and house etc. it can protect your life and your health through filtering dust, germ and virus in the air.

ADVANTAGE

1. Low noise.
2. LCD display
3. Remote control.
4. Adjustable air velocity.
5. Thorough sterilizing with UV Lamp.
6. Mobile Type, Wall Hanging Type, Suction Ceiling Type.

TECHNICAL PARAMETERS

Model	QRJ-128
External Size(W*D*H)	900*150*1550mm
Filter	Primary Filter, HEPA filter
HEPA Filter	99.99% efficiency at 0.3μm
UV Lamp	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
Optimal Space	≤20m²
Noise	≤58dB
Consumption	240W
Adjustable Air Speed	3 levels
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Cleanness At Outlet	Class 100
Gross Weight	95kg
Package Size(W*D*H)	1700*350*1050mm





Air Shower





INTRODUCTION

Air shower is a necessary passage for people entering clean room in order to minimize the amount of particulate contaminant, to achieve workplace strict clean purification standards. Personnel move through the air shower while particulate contaminants are blown off by the clean high-speed air. Then the dust cannot be brought into clean area.

FEATURES

1. Photoelectric sensor, automatic blowing.
2. Adopt with circulation wind to ensure the cleanness of shower area under non-shower status.
3. Double doors by electric interlock.
4. LED display with adjustable blowing time (0~99s).
5. HEPA Filter, Class 100 cleanness.

Model	AS-1P1S	AS-1P2S	AS-2P2S
External Size(W*D*H)	1300*1000*2050mm	1500*1000*2050mm	1500*2000*2050mm
Internal Size(W*D*H)	800*900*1930mm	800*900*1930mm	800*1900*1930mm
HEPA Filter	99.995% efficiency at 0.3μm		
Spraying Wind Speed	25m/s		
Air Shower Time	0~99s(adjustable)		
No.of SS Nozzles	6	12	24
Fluorescent Lamp	12W*1	12W*1	12W*1
Consumption	550W	1100W	2200W
Cabinet Material (Optional)	1. Full cold-rolled steel with powder coating. 2. Internal stainless steel, external with cold-rolled steel. 3. Full stainless steel.		
Door Material (Optional)	1.Cold-rolled steel with powder coating. 2. Stainless steel.		
Chassis	Stainless steel		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Net Weight	280kg	330kg	570kg
Gross Weight	300kg	350kg	600kg
Package Size(W*D*H)	1380*1220*2190mm	1580*1220*2190mm	1580*2220*2190mm

Pass Box


Air Shower Pass Box


Pass Box

INTRODUCTION

Pass Box is used to transfer goods between rooms of different clean levels of clean room. It can reduce times of opening door, prevent the air convection between different rooms and minimize the pollution extent.

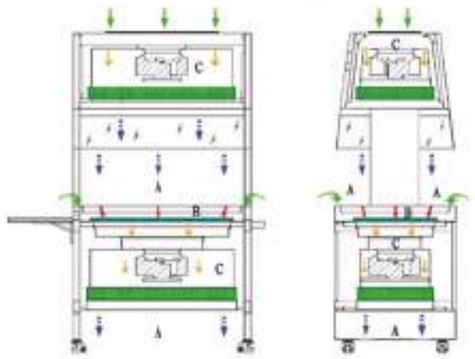
TECHNICAL PARAMETERS

Type	Air Shower Pass Box			Pass Box		
Model	ASPB-01	ASPB-02	ASPB-03	PB-01	PB-02	PB-03
External Size(W*D*H)mm	660*570*1000	760*670*1100	860*770*1200	660*570*580	760*670*680	860*770*780
Internal Size(W*D*H)mm	500*500*500	600*600*600	700*700*700	500*500*500	600*600*600	700*700*700
Material	304 Stainless steel					
Interlock	Electronical					
UV Lamp	8W*1					
HEPA Filter	Efficiency≥99.995% at 0.3μm			/		
Clean Air Speed	0.36~0.54m/s			/		
Power Supply	Standard: 220V 50/60Hz; Optional: 110V, 50/60Hz					
Gross Weight (kg)	80	116	141	51	70	89
Packing Size(W*D*H) mm	760*660*1130	860*760*1250	950*860*1350	760*670*720	860*790*820	950*860*940

Animal Cage Changing Station



Air Flow Pattern Diagram:



- Primary Efficiency Filter
- ULPA Filter
- Room Air
- Polluted Air
- Seml-Purified Air
- Purified Air
- Protected Area
- Polluted Air
- Seml- Polluted Air

INTRODUCTION

The animal cage changing station is suitable for the replacement of animal cages in SPF animal rooms, the anatomy of experimental animals and the separation of tissues, etc. It adopts positive vertical flow, double primary effect and double high efficiency filtration design, which can prevent animals in the work area from being polluted by outside air. Protect the operator from allergens and special odors generated during the experiment. In addition, the double-sided open design facilitates simultaneous operation by multiple person. It is a safety protection device specially designed for animal research laboratories.

FEATURES

1. Two-way safety protection: with excellent ventilation system and negative pressure airflow, it can provide two-way safety protection for people, animals, environment, and objects during the process of animal cage change.
2. Use high-quality materials: the work surface is made of 304 stainless steel, which can be quickly disassembled and cleaned up waste.
3. Double-layer filtration system: primary and high-efficiency double-layer filtration system.
4. Control system: LCD touch screen design, real-time dynamic display of the airflow speed of the workstation.
5. Audio and visual alarm: Abnormal air flow velocity and Filter replacement .

Details:



V-type air grille:
V-type air grid collects ambient air and combines with vertical laminar downflow to produce an air curtain to protect operators from harmful substances.





Stainless steel tray:
The left side of the workstation is equipped with a stainless steel tray for easy placement of experimental supplies.



Easy to move:
The Fuma caster design and the right side handle design, easy to move the cabinet.



Highlight LCD touch screen design:
Real-time dynamic display of the downflow velocity and inflow velocity, the overall operating time, the temperature and humidity, and the resistance of the air supply and exhaust filters.

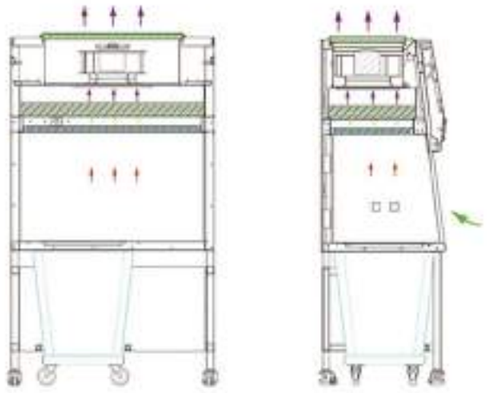
TECHNICAL PARAMETERS

Model	DAW-1100
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110V, 60Hz (Optional)
Instrument Size(L*D*H)	1580*750*1980mm
Operating Area Size(L*D*H)	1015*750*585mm
Laminar Airflow Velocity	≥0.35m/s
Noise	≤65dB（A）
Illuminance	≥1000lx
LED Lamp	12W*2
Consumption(W)	800W
Air Supply ULPA Filter Size	925*470*69mm
Exhaust ULPA Filter Size	910*480*69mm
Primary Filter Size	890*505*25mm
Filtration Efficiency	99.9995%(φ0.12μm)
Number of Users	1-2
Package Size (L*D*H)	1460*890*2270mm
Gross Weight	243kg

Animal Litter Workstation



Air Flow Pattern Diagram:



APPLICATION

It is suitable for the treatment of animal litter in the SPF animal room, to prevent the pollutants generated when dumping the animal litter from harming the experimenters and the working environment, and to provide safety protection for the experimenters and the working environment.

FEATURES

1. Use high-quality materials: the three side walls of the working area adopt high-quality 304 stainless steel integrated structure, and the internal cleanable parts adopt rounded corner design, leaving no dead corners and easy to clean.
2. Strong tolerance: the working area has a large opening, which can accommodate all common animal cages.
3. Control system: Control system: LCD touch screen design, real-time display of working status, easy to operate.
4. Ergonomic design: help reduce fatigue, improve work efficiency, and provide a safer working environment.

Details:



Dual sensors:
The working area is equipped with temperature and humidity sensors and airflow sensors, real-time monitoring of temperature, humidity and airflow changes in the working area.



Large-capacity storage bucket:
The large-capacity storage bucket is equipped with a lid and a mobile trolley, which is convenient for transportation.



Activated carbon filter:
Add an activated carbon filter to the air outlet to absorb gaseous pollutants and reduce odor.



LCD touch screen:
Display the working time of the high-efficiency filter; realize the appointment timing of the fan and socket; display the working status in real time.

TECHNICAL PARAMETERS

Model	DDW-1100
Power Supply	AC220V, 50Hz(Standard); AC110V, 60Hz(Optional)
Instrument Size(L*D*H)	1100*700*1920mm
Operating Area Size(L*D*H)	1000*600*660mm
Laminar Airflow Velocity	≥0.35m/s
Noise	≤65dB（A）
Illuminance	≥1000lx
LED Lamp	12W*2
Consumption(W)	700W
Primary Filter Size	967*453*30mm*1
High Efficiency Filter Size	1000*485*69mm*1
Activated Carbon Filter Size	758*408*35mm*1
Filtration Efficiency	99.9995%(φ0.12μm)
Ambient Temperature	15℃~35℃
Relative Humidity	≤75%
Atmospheric Pressure Range	70 kPa~106 kPa
Package Size (L*D*H)	1250*850*2100mm
Gross Weight	240kg

Mini PCR Workstation





LCD Display

1. Large Digital LCD display is easy to monitor.
2. All the safety parameters at a glance and ergonomically sized control panel improves User interface.



UV Lamp

1. Emission of 253.7 nanometers for most.
2. Efficient decontamination.



Work Zone

Work zone is made of 304 stainless steel, Unibody design.



Front Window

Toughened glass>5mm, anti UV.



Waterproof Socket

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



Windproof Plate

Effectively isolate the cross-effects of airflow in various areas.

INTRODUCTIONS

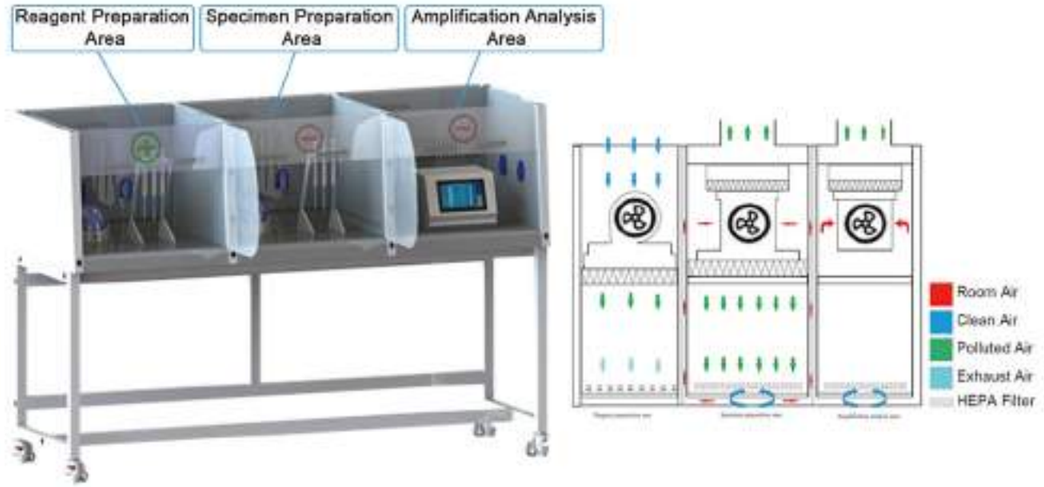
The Mini PCR Workstation is the world's exclusive nucleic acid detection workstation, specially developed for fever clinics and small clinical laboratories. Integrate traditional PCR laboratory functions into one device. Allow more small laboratories to have PCR detection capabilities.

APPLICATION

It is suitable for rapid nucleic acid detection in the fever clinic and emergency department of hospital, other small clinical laboratories.

FEATURES

1. Global exclusive.
2. Small dimension, save space, economical and convenient.
3. Automatic air speed adjustable with filter block.
4. With memory function in case of power-failure.
5. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
6. Audio and visual alarm: Filter replacement, window over height, abnormal air flow velocity etc.
7. Time reserve function: This can set the UV lamp and fan working time.



Reagent Preparation Area:

Positive pressure, vertical laminar flow design, equipped with primary filter and HEPA filter, which can protect the reagent preparation from external pollution and protect the reagent.

Specimen Preparation Area:

Negative pressure; the air inlet is through the front window glass door, the bottom of the operation area is returned to the air, and the top is exhausted; the upper and lower two HEPA filters are equipped to protect personnel from harmful aerosol infection and protect samples from external pollution.

Amplification Analysis Area:

Negative pressure, the air inlet is through the front window glass door, the bottom of the operation area is returned to the air, and the top is exhausted, and the HEPA filter can protect both the personnel and the environment.

Mini PCR Workstation

TECHNICAL PARAMETERS

Model		PCR1600	PCR2100	PCR2500
External Size(L*W*H)		1600*710*2100mm	2100*710*2000mm	2500*850*2100mm
Reagent Preparation Area	Operating Area Size (L*W*H)	440*560*510mm	640*560*510mm	640*710*610mm
	Pressure	Positive		
	Airflow Velocity (m/s)	0.3~0.45		
	Airflow Volume (m³/h)	190~290	290~430	380~560
	Exhaust Type	/		
Specimen Preparation Area	Operating Area Size (L*W*H)	560*560*510mm	660*560*510mm	1060*710*610mm
	Pressure	Negative		
	Airflow Velocity (m/s)	Downflow: 0.33±0.025, Inflow: 0.53±0.025		
	Airflow Volume (m³/h)	210	250	400
	Exhaust Type	TypeA2, 30% exhaust, 70% recirculation		
Amplification Analysis Area	Operating Area Size (L*W*H)	440*560*510mm	640*560*510mm	640*710*610mm
	Pressure	Negative		
	Airflow Velocity (m/s)	≥0.4		
	Airflow Volume (m³/h)	≥160	≥180	≥180
	Exhaust Type	100% exhaust	100% exhaust	100% exhaust
ULPA Filter		Four, 99.999% efficiency at 0.12μm.		
Clean Level		Class 100(ISO Class 5)	Class 100, Except Amplification Analysis Area	
Front Window		Manual, Toughened glass, Anti UV		
Max Opening		400mm		480mm
Noise		≤67 dB (A)		
Vibration		≤5μm		
UV Lamp		8W*3, UV timer, UV life indicator	15W*3	30W*1,15W*2
LED Lamp		4W*6	8W*6	8W*4,12W*2
Illumination(lx)		≥500 (Each area)	≥650 (Each area)	
Sockets		The load of two sockets (Each area): 500W, total 6 sockets		
Display		Touch Screen		
Control System		Microprocessor		

Model	PCR1600	PCR2100	PCR2500
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity		
Work Surface Height	750 mm		
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	600W, total 2100W (With load)		1000W, total 2500W
Standard Accessory	LED lamp*6, UV lamp*4, Windproof plate*2 (Only for PCR2100/2500), Waterproof sockets*6		
Package Size(W*D*H)	1750*980*1400mm	2250*980*1400mm	2650*1120*1500mm
Gross Weight	400kg	450kg	500kg

MINI PCR WORKSTATION EQUIPMENT LIST:

Item	Name	Model	Quantity
Reagent preparation area	Pipette	0.5-10μl	1
	Pipette	10-100μl	1
	Pipette	100-1000μl	1
	Centrifuge	MINI-7	1
	Mixer	BJPX-VW	1
	Tips	10μl,100μl, 1000μl	/
	Centrifuge tube	1.5ml	/
	8-strip tube	0.2ml	/
	QPCR kit	Covid-19	/
Specimen preparation area	Pipette	0.5-10μl	1
	Pipette	10-100μl	1
	Pipette	100-1000μl	1
	Disposable Virus Sampling Collector (One Step method)	/	/
	Tips	10μl,100μl, 1000μl	/
	Centrifuge tube	1.5ml	/
	Centrifuge	MINI-7	1
	Mixer	BJPX-VW	1
	Nucleic Acid Extraction System (only for PCR2500)	BNP32 or BNP8	1
Amplification analysis area	QPCR	LEIA-X4	1
Other related equipment	Biosafety Transport Box	BTB-L5	1
	-25℃ Freezer	BDF-25V270	1
	-86℃ Freezer	BDF-86V158	1

Medical Laminar Flow Bed



INTRODUCTION

The medical laminar flow bed is an air purification device that provides a locally high clean environment for patients with burns, weakened immunity, blood diseases, and those requiring a clean and dust-free environment.

FEATURES

1. With Medical device registration certificate.
2. In addition to the traditional button control, the control system also adds a remote control, without reaching to touch the button to achieve remote control.
3. The adjustable air volume system, guarantees the workspace wind speed in the ideal state.
4. UV has anti-touch function, single point UV lamp button can not turn on UV lamp, need to press for 3 seconds to turn on UV lamp, protect patient safety.
5. The workspace uses the whole anti-static curtain around, good transparency, it is not easy to dust.
6. FFU adopts domestic famous brand fan, stable performance, low noise.
7. UV lamp and fan, fluorescent lamp interlock function, when the fan, fluorescent lamp work, UV lamp can not be turned on, protect the patient.

TECHNICAL PARAMETERS

Model	BLF-01
Wind Speed	0.1~0.25m/s
Noise	≤62dB
Illuminance	≥300lux
UV Lamp Power	40W
LED Fluorescent Lamp Power	12W*4
Number of Users	1
Consumption	1200W
Supply Power	220V, 50/60Hz
Internal Size(W*D*H)	2170*1020*1850mm
External Size(W*D*H)	2250*1100*2350mm
Package Size(W*D*H)	2360*1260*1010mm
Net Weight	320kg
Gross Weight	360kg

Labinox

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