

BIOBASE[®]

BIOBASE[®] Group

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BIOBASE CHINA



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Version 2019

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 more than 2000 employees and 20000 square meters production base. Our output per year reaches 10000 units. 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 50 professional engineers.
- We have 20 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, ISO3485, CE mark, MET and NSF 49 certificate.
- We got EN 12469 certificate for Biosafety Cabinet in 2013.

CERTIFICATES



ISO 9001



ISO 13485



ISO 14001



EN 12469



NSF 49



MET(UL)



CE-Biological Safety Cabinet



CE-Laminar Flow Cabinet



CE-Fume Hood



CE-Class I Biosafety Cabinet

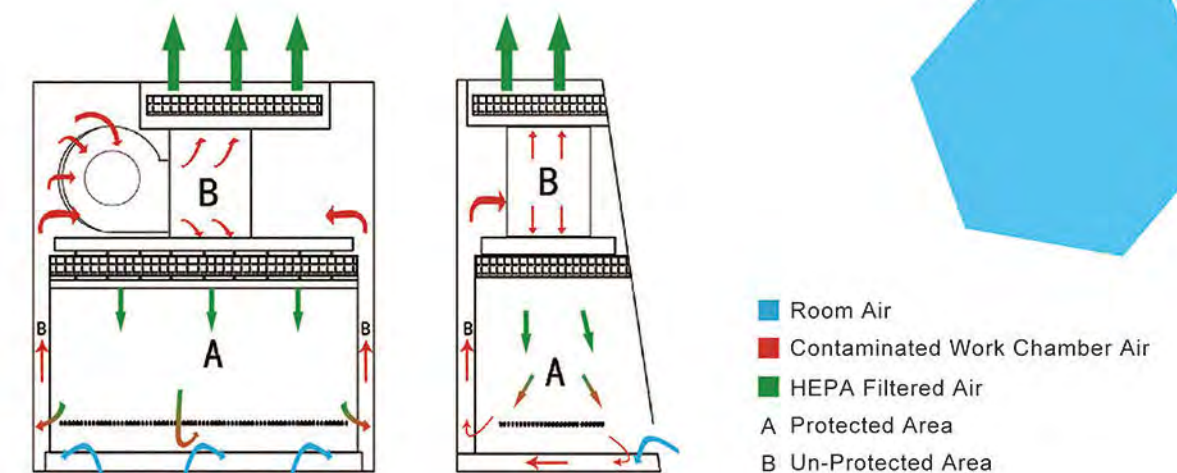


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Class II A2 Biological Safety Cabinet

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.





Class II A2 Biological Safety Cabinet



LCD Display

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



Work Zone

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



Waterproof Socket

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



Remote Control

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



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Small dimension, save space.
2. Centrifugal fan, speed adjustable; H14 HEPA filter.
3. Motorized front window: The front window is motorized for convenient, one-hand operation.
4. Audio and visual alarm: Abnormal airflow velocity, Filter replacement, Front window at unsafe height.
5. Time reserve function: This can save 30 minutes waiting time after activating the cabinet and the sterilization time after experiment.
6. Remote control: Each function can be realized 6 meters away from the cabinet by remote control, which can protect the operator under emergency.
7. Large LCD display: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator etc.
8. With memory function in case of power-failure.

TECHNICAL PARAMETERS

Model	11231BBC86
External Size(W*D*H)	700*650*1230mm
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
HEPA Filter	Two, 99.999% efficiency at 0.3µm. Filter life indicator
Front Window	Motorized. Toughened glass. Anti UV.
Noise	EN12469 ≤ 58dB / NSF49 ≤ 61dB
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
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, UV lamp*2, Remote control, Waterproof sockets*2
Optional Accessory	Base stand, Universal caster with brake and leveling feet
Gross Weight without Base Stand	Wooden Box: 164kg Carton: 121kg
Gross Weight with Base Stand	Wooden Box: 196kg
Package Size without Base Stand (W*D*H)	Wooden Box: 860*800*1450mm Carton: 820*760*1430mm
Package Size with Base Stand (W*D*H)	Wooden Box: 860*960*1450mm



NSF Certified Class II A2 Biological Safety Cabinet



LCD display for BSC-3FA2-GL(3')



LCD display for BSC-3FA2-NA (3')



LCD display for BSC-4FA2(4'),
BSC-4FA2-GL(4') and
BSC-6FA2-GL(6')



LCD display for
BSC-4FA2-NA (4')
and BSC-6FA2-NA(6')

LCD Display

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



Exhaust Thimble canopy(Optional)



Front Window

Two-layer laminated toughened glass >5mm, anti UV



Footmaster Caster

Universal caster with brake and leveling feet.



SS Water Tap & Gas Tap



Waterproof Socket

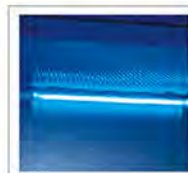


Stainless Steel I.V. Bar with 10 hooks



Work Zone

Unibody design



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Motorized front window.
2. Large LCD display, all information displayed.
3. Automatic air speed adjustable with filter block.
4. With memory function in case of power-failure.
5. Side & back wall is made up of single piece stainless steel.
6. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
7. Front 10°slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

TECHNICAL PARAMETERS

Model	BSC-4FA2(4')	BSC-3FA2-GL(3') BSC-3FA2-NA(3')	BSC-4FA2-GL(4') BSC-4FA2-NA(4')	BSC-6FA2-GL(6') BSC-6FA2-NA(6')
External Size(W*D*H)	1383*775*2295mm	1087*775*2265 mm	1383*775*2295mm	1873*775*2295mm
Internal Size(W*D*H)	1210*600*660 mm	910*600*660 mm	1210*600*660 mm	1700*600*660 mm
Work Surface Height	750mm			
Max Opening	550mm (22")	520mm(20.5")	550mm (22")	550mm (22")
Tested Opening	Safety height 200mm (8")		Safety height 254mm (10")	
Airflow Volume	Inflow	462m³/h (272cfm)	441m³/h(259cfm)	587m³/h(346cfm)
	Downflow	65%: 863m³/h (507cfm)	60%: 649m³/h(382cfm)	60%: 863m³/h(507cfm)
	Exhaust	35%: 462m³/h (272cfm)	40%:441m³/h(259cfm)	40%: 587m³/h(346cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV			
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator			
Filter Guard Type	Aluminum alloy frame			
Noise	NSF 49≤61dB / EN 12469≤58dB			
Illumination	≥1000Lux			
Display	LCD Display			
Waterproof Socket	Two, Total consumption: ≤500W			
Tap	Water tap*1, Gas tap *1			
Ground Resistance	≤ 0.10Ω			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689			
Consumption	400W	300W	400W	500W
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height			
DC Motor	One ECM motor, 110V& 220V 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	18W	30W	40W
Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination				
Illuminating Lamp	18W*2	10W*2	18W*2	22W*2
LED lamp				
Standard Accessory	Illuminating lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks			
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer,Infrared sterilizer, Electric height adjustable base stand, Remote control			
Package Size (W*D*H)	1540*1080*1900mm	1250*1080*1840mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight	334kg	270kg	340kg	370kg



NSF Certified Class II B2 Biological Safety Cabinet



LCD Display for BSC-4FB2-NA



LCD Display for BSC-4FB2-GL



ADVANTAGE

1. Motorized front window.
2. HEPA filter life and UV life indicator.
3. Automatic air speed adjustable with filter block.
4. With memory function in case of power-failure.
5. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
6. Most accessories are standard, which saves your money. There is no need to pay more.
7. Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc).
8. Remote control. All functions can be realized with it, making the operation much easier and more convenient.
9. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window.

TECHNICAL PARAMETERS

Model	BSC-4FB2-NA	BSC-4FB2-GL
External Size(W*D*H)	1383*775*2325mm	
Internal Size(W*D*H)	1210*600*660 mm	
Tested Opening	Safety height 200mm (8")	
Max Opening	550mm(22")	
Exhaust Airflow Volume	100%: 1320m³/h(776cfm)	
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator	
Filter Guard Type	Aluminum alloy frame	
Noise	NSF 49≤67 dB/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	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	300w	
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.	
DC Motor	One ECM motor, 110V& 220V 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	18W*2 LED lamp	
Standard Accessory	Illuminating lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks	
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, Remote control	
Package Size (W*D*H)	1540*1080*1950mm	
Gross Weight	350kg	



Work Zone

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



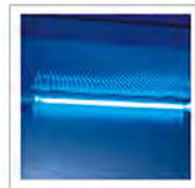
Remote Control

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 >5mm, anti UV



Waterproof Socket

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



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

Two-layer laminated toughened glass >5mm, 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. Automatic air speed adjustable with filter block.
3. With memory function in case of power-failure.
4. Side & back wall is made up of single piece stainless steel.
5. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
6. Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

TECHNICAL PARAMETERS

Model		BSC-3FA2 (3')	BSC-4FA2(4')
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. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter		Two, 99.999% efficiency at 0.3µm, filter life indicator	
Filter Guard Type		Aluminum alloy frame	
Noise		NSF 49≤61dB/EN 12469≤58dB	
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		≤500W	≤600W
Alarm		Abnormal airflow velocity; Filter replacement; Front window at unsafe height	
DC Motor		One ECM 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 power coating	
UV Lamp		18W	30W
		Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	
Fluorescent lamp		21W*2	28W*2
Standard Accessory		Fluorescent lamp, UV lamp*2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless steel I.V. bar with 10 hooks	
Optional Accessory		Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Remote control, Electric height adjustable base stand, Motorized front window	
Package Size (W*D*H)		1220*1000*1840mm	1540*1080*1900mm
Gross Weight		270kg	334kg

Class II A2 Biological Safety Cabinet



LCD Display

Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



Remote Control

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



Air-Vent

Only for BSC-1100IIA2-X and BSC-1500IIA2-X



Work Zone

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



Front Window

Two-layer laminated toughened glass > 5mm, anti UV



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



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.

ADVANTAGE

1. Motorized front window.
2. Time reserve function.
3. HEPA filter life and UV life indicator.
4. Automatic air speed adjustable with filter block.
5. With memory function in case of power-failure.
6. Audio and visual alarm (Abnormal airflow velocity; Filter replacement; Front window at unsafe height).
7. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
8. Audio and visual alarm (Filter replacement, window over height, abnormal air flow velocity etc).
9. Remote control: all functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.
11. Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

TECHNICAL PARAMETERS

Model	BSC-1100IIA2-X	BSC-1300IIA2-X	BSC-1500IIA2-X	BSC-1800IIA2-X	BSC-2000IIA2-X
Internal Size(W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1700*600*660mm	1800*600*660mm
External Size(W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*750*2250mm	1873*775*2290mm	1950*800*2170mm
Tested Opening	Safety Height 200mm(8")				
Max Opening	420mm(17")	420mm(17")	500mm (20")	550mm(22")	400mm(16")
Inflow Velocity	0.53±0.025 m/s				
Downflow Velocity	0.33±0.025 m/s				
HEPA Filter	Two, 99.999% efficiency at 0.3µm. Filter life indicator.				
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.				
Noise	EN12469 ≤ 58dB / NSF49 ≤ 61dB				
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.				
Illuminating Lamp	LED lamp 12W*2	LED lamp 12W*2	LED lamp 16W*2	LED lamp 16W*2	LED lamp 16W*2
Illumination	≥1000Lux				
Consumption	760W	800W	900W	900W	1500W
Waterproof Sockets	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.				
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating.				
Work Surface Height	750mm				
Caster	Footmaster caster				
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Standard Accessory	LED lamp, UV lamp*2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2				
Optional Accessory	Water and gas tap, Electric height adjustable base stand				
Gross Weight	243kg	280kg	316kg	395kg	420kg
Package Size(W*D*H)	1220*1000*1840mm	1460*1050*1800mm	1630*1000*1820mm	2000*950*1820mm	2090*1050*1860mm

Class II A2 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.



Front Window
Two-layer laminated toughened glass>5mm, anti UV



Footmaster Caster
Universal caster with brake and leveling feet.



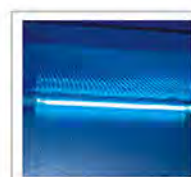
SS Water Tap & Gas Tap



Waterproof Socket



Work Zone
Unibody design



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Motorized front window.
2. Large LCD display, all information displayed.
3. Automatic air speed adjustable with filter block.
4. With memory function in case of power-failure.
5. Side & back wall is made of single piece stainless steel.
6. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
7. Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

TECHNICAL PARAMETERS

Model	11235BBC86(3')	11236BBC86(6')
External Size(W*D*H)	1087*775*2265mm	1873*775*2295mm
Internal Size(W*D*H)	910*600*660mm	1700*600*660mm
Work Surface Height	750mm	
Max Opening	520mm (21")	550mm (22")
Tested Opening	Safety height 200mm (8")	
Airflow Volume	Inflow	348m³/h (205cfm)
	Downflow	65%: 649m³/h (382cfm)
	Exhaust	35%: 348m³/h (205cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter	Two, 99.999% efficiency at 0.3μm, filter life indicator	
Filter Guard Type	Aluminum alloy frame	
Noise	NSF 49≤61dB / EN 12469≤58dB	
Illumination	≥1000Lux	
Display	LCD Display	
Waterproof Socket	Two, Total consumption: ≤500W	
Tap	Water tap*1, Gas tap *1	
Ground Resistance	≤ 0.10Ω	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	300W	500W
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height	
DC Motor	One ECM motor, 110V&220V 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	18W	40W
	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	
Illuminating Lamp	10W*2	22W*2
	LED lamp	
Standard Accessory	Illuminating lamp, UV lamp*2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks	
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Remote control, Electric height adjustable base stand	
Package Size (W*D*H)	1220*1000*1840mm	2020*1080*1900mm
Gross Weight	270kg	363kg



Class II B2 Biological Safety Cabinet



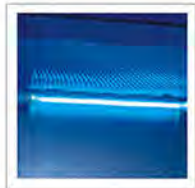
LCD Display
Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



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.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Front Window
Two-layer laminated toughened glass > 5mm, 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.

ADVANTAGE

1. Time reserve function.
2. Motorized front window.
3. HEPA filter life and UV life indicator.
4. Automatic air speed adjustable with filter block.
5. With memory function in case of power-failure.
6. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
7. Most accessories are standard, which saves your money. There is no need to pay more.
8. Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc).
9. Remote control. All functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window
11. Foot switch. Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

TECHNICAL PARAMETERS

Model	BSC-1100IIB2-X	BSC-1300IIB2-X	BSC-1500IIB2-X	BSC-1800IIB2-X
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1700*600*660mm
External Size (W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*760*2250mm	1873*775*2270mm
Tested Opening	Safety Height 200mm(8")			
Max Opening	420 mm (17")	420 mm (17")	500mm (20")	480mm (20")
Inflow Velocity	0.53±0.025m/s			
Downflow Velocity	0.33±0.025m/s			
Pre-Filter	Washable			
HEPA Filter	Two, 99.999% efficiency at 0.3µm, filter life indicator.			
Front Window	Motorized, two-layer laminated toughened glass ≥ 5mm, anti UV			
Noise	NSF 49 ≤ 61dB / EN 12469 ≤ 58dB			
UV Lamp	30W*1	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	14W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	700W	850W	900W	1200W
Waterproof Sockets	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 re-circulation, 100% air exhaust			
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height			
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			
Caster	Footmaster caster			
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-1800IIB2-X)			
Standard Accessory	Illuminating lamp, UV lamp*2, base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets*2, pipe strap*2			
Optional Accessory	Water and gas tap, Electric height adjustable base stand			
Gross Weight	246kg	276kg	302kg	408kg
Package	Main Body	1230*990*1810mm	1460*1050*1800mm	1650*990*1810mm
	Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm

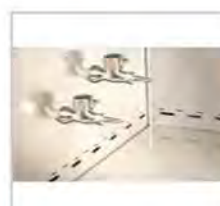
Cytotoxic Safety Cabinet



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



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



Water and Gas Tap
High quality stainless steel.



Front Window
Motorized, Two-layer laminated toughened glass >5mm, anti UV.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



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.

TECHNICAL PARAMETERS

Model	11224BBC86	11234BBC86
External Size (W*D*H)	1087*760*2100mm	1380*760*2100mm
Internal Size (W*D*H)	910*600*630mm	1220*600*630mm
Tested Opening	Safety Height 200mm(8")	
Max Opening	440mm(17")	
Internal Work Area, space	0.55m ³	0.73m ³
Inflow Velocity	0.53m/s	
Down Flow Velocity	0.33m/s	
Exhaust Volume	347m ³ /h (204 cfm)	465m ³ /h (273 cfm)
Air Supply Filter	ULPA filter, efficiency > 99.999% for particle size at 0.12 μm	
Exhaust Filter	2 pieces HEPA filters, efficiency > 99.999% for particle size at 0.3μm Filter life indicator and filter working time indicator.	
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height	
Noise	EN12469 ≤ 58dB / NSF49 ≤ 61dB	
Water & Gas Tap	Water Tap*1, Gas tap*1	
UV Lamp	18W*1	30W*1
	Emission of 253.7 nanometers for most efficient decontamination UV life indicator	
LED Lamp	12W*2	16W*2
Illumination	≥1000Lux	
Consumption	700W	900W
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≥5mm, 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, UV lamp*2 and LED lamp, Water tap, Gas tap	
Optional Accessory	Armrest, Formalin fumigation sterilizer, Infrared sterilizer, Airflow tester	
Gross Weight	320kg	371kg
Package Size (W*D*H)	1250*900*2230mm	1540*910*2280mm



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 HEPA filters with typical efficiency of 99.999% for 0.3μm particles.

TECHNICAL PARAMETERS

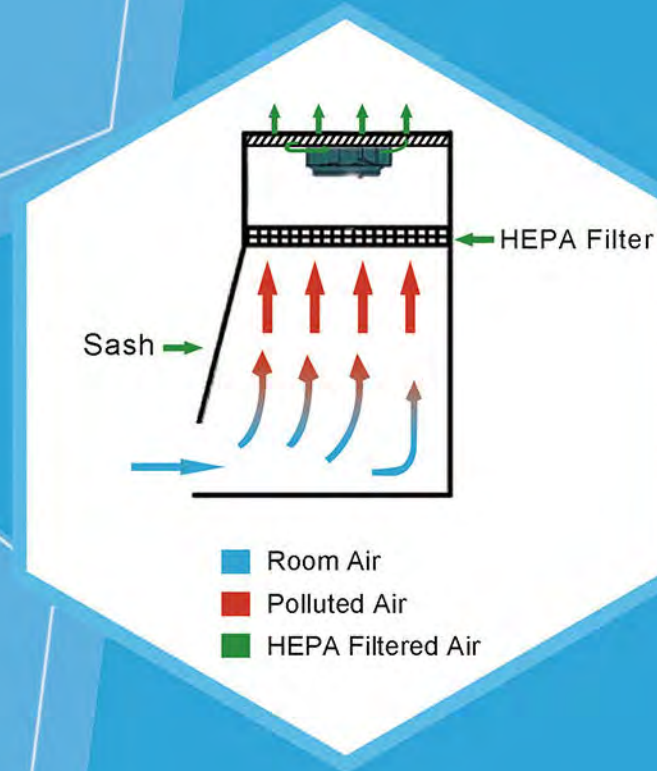
Model	BSC-1100IIIIX	BSC-1500IIIIX
External Size(W*D*H)	1540*880*2000 mm	1790*880*2080 mm
Internal Size(W*D*H)	910*650*660 mm	1165*650*660 mm
Pass Box Size(W*D*H)	Internal Size:430*330*355mm External Size:575*425*495mm	
Gloves	One pair of 800mm butyl rubber gloves	
Front Window	8 mm toughened glass, anti-ultraviolet radiation	
Display	LCD display	
Pre-Filter	Polyester fiber, washable	
Pressure	≥ negative120 Pa	
HEPA Filter	Air supply filter: Efficiency 99.999% at 0.3μm First exhaust filter: Efficiency 99.999% at 0.3μm Second exhaust filter: Efficiency 99.999% at 0.3μm	
Noise	NSF 49 ≤ 61dB / EN 12469 ≤ 48dB	
Alarm	Audio and visual alarm, abnormal pressure; filter replacement	
Work Zone Material	304 stainless steel	
Illumination	≥ 1000Lux	
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*1062*2160mm	1890*1065*2240mm
Standard Accessories	Gloves, fluorescent lamp, UV lamp*4, remote control, pressure meter, drain valve	

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.
3. Energy-saving, high efficiency, low noise.
4. With memory function in case of power-failure.
5. One piece 304 stainless steel work stable, easy for cleaning.
6. Stable air flow system; provide firm protection to person 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*695*1924mm
Internal Size(W*D*H)	540*385*440mm	680*540*500mm	800*635*600mm	968*695*630mm
HEPA Filter	99.999% efficiency at 0.3μm			
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	8W*1	8W*1	21W*2
	LED lamp	LED lamp	LED lamp	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 castor
Main Body Construction	PMMA	PMMA	Cold-rolled steel with anti-bacteria powder coating	
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	1270*880*2230mm

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						



Airflow Tester

Specifications:
Power supply: 220AC 50/60HZ;110V,60Hz
Input power: 30W Fuse: T2A L (5×20)
Work style: Intermittent working≤15 min
Maximum atomization velocity: 1.5 ml/min
Maximum volume: 35ml
Working environment:
Environment temperature: 10~40℃
Relative humidity: ≤70% RH
Air pressure range: 860-1060 kpa
Storage environment:
Environment temperature: 10~40℃
Relative humidity: ≤95% RH
Air Pressure range: 500-1060 kpa



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.



Dust Particle Counter

Particle size channel: 0.3, 0.5, 1.0, 3.0, 5.0, 10.0(μm)
Sampling period: 1~10 minutes
Number of sampling point: 2~9
Sampling frequency: 2~9
Sampling quantity: 2.83S/m



Digital Sound Level Meter

MeasurementRange: 30~130dB
Accuracy: ±2dB
Resolution: 0.1dB
Sample rate: 4 times/s , 1 times/s



Illumination Meter

Light Intensity range: 0~200000LUX
accuracy: ±20LUX
resolution: 1LUX



Infrared Sterilizer

Two types:
Type I: 37mm dimension of cavity
Type II: 20mm dimension of cavity
Central high-temperature: 825℃±50℃
Size: 150*95*210mm
Weight: 1600g
Voltage: 220 V/50Hz
Power: 180W



Foot rest

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



Arm rest

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



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.



Laboratory Chair

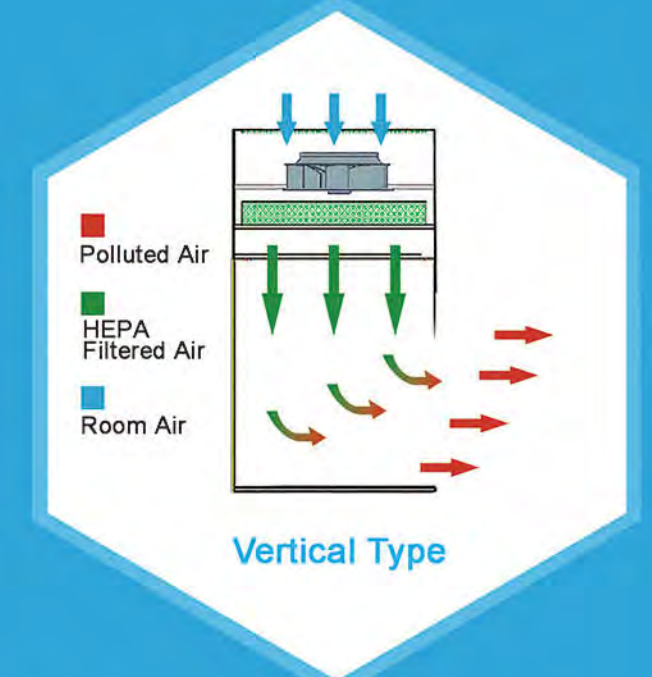
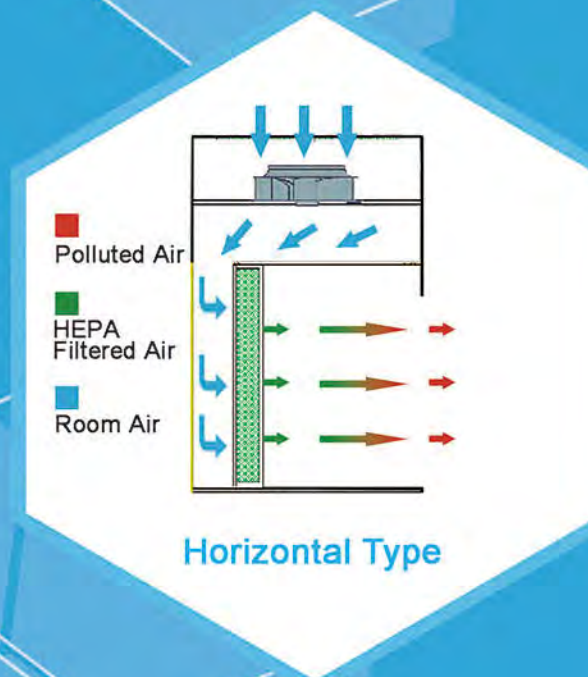
Material: Economy line-artificial leather
Backrest height: 45cm
Height range: 43~57cm

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 Laminar Flow Cabinet



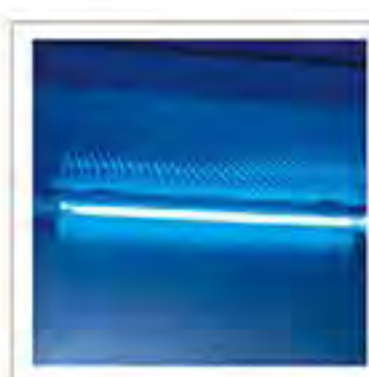
LCD Display
Airflow velocity, UV timer, UV work time, system work time, real time.



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	99.999% efficiency at 0.3μm	
Noise	<65dB	
Front Window	Motorized	
Max Opening	430mm	
LED Lamp	12W*1	16W*2
UV Lamp	30W*1	30W*1
	Emission of 253.7 nanometers	
Consumption	400W	500W
Waterproof Socket	Two, total 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

Microprocessor control system,
LCD display



Waterproof Socket

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



Side Glass Window

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

TECHNICAL PARAMETERS

Model	BBS-H1100 (Previous name: BBS-DDS)	BBS-H1500 (Previous name: BBS-SDS)	BBS-H1800(X)
External Size (W*D*H)	1100*808*1690mm	1500*808*1690mm	1800*808*1890mm
Internal Size (W*D*H)	1000*500*600mm	1400*500*600mm	1700*500*800mm
Work Surface Height	750mm		
Display	LCD Display		
Airflow Velocity	Average of 0.30~0.45m/s		
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel Side Windows: 8mm toughened glass, anti-UV		
Pre-Filter	Polyester fiber, washable		
HEPA Filter	99.999% efficiency at 0.3μm		
Noise	≤65dB(A)		
LED Lamp	12W*1	16W*1	16W*2
UV Lamp	20W*1	30W*1	20W*2
	Emission of 253.7 nanometers		
Consumption	200W	300W	400W
Waterproof Socket	Two, total load≤500W		
Caster	Universal caster with leveling feet		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Standard Accessory	LED lamp, UV lamp*2, Base stand, Waterproof socket*2, Hook*10		
Optional Accessory	Electric height adjustable base stand		
Gross Weight	170kg	185kg	240kg
Package Size(W*D*H)	1250*1050*1350mm	1650*1050*1350mm	1950*1050*1550mm

Vertical Laminar Flow Cabinet



LCD Display

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



Waterproof Socket

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



Gas Tap



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



Side Glass Window

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

TECHNICAL PARAMETERS

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

Vertical Laminar Flow Cabinet



BBS-DDC/BBS-SDC



BBS-V680



BBS-V800

TECHNICAL PARAMETERS

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

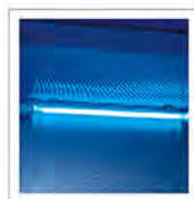


Vertical Laminar Flow Cabinet

---Double Sides Type



LED Display
Microprocessor control system, LED display



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination



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

ADVANTAGE

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

TECHNICAL PARAMETERS

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

Compounding Hood



BBS-V500 & BYKG-VII



BBS-V600 & BYKG-VIII

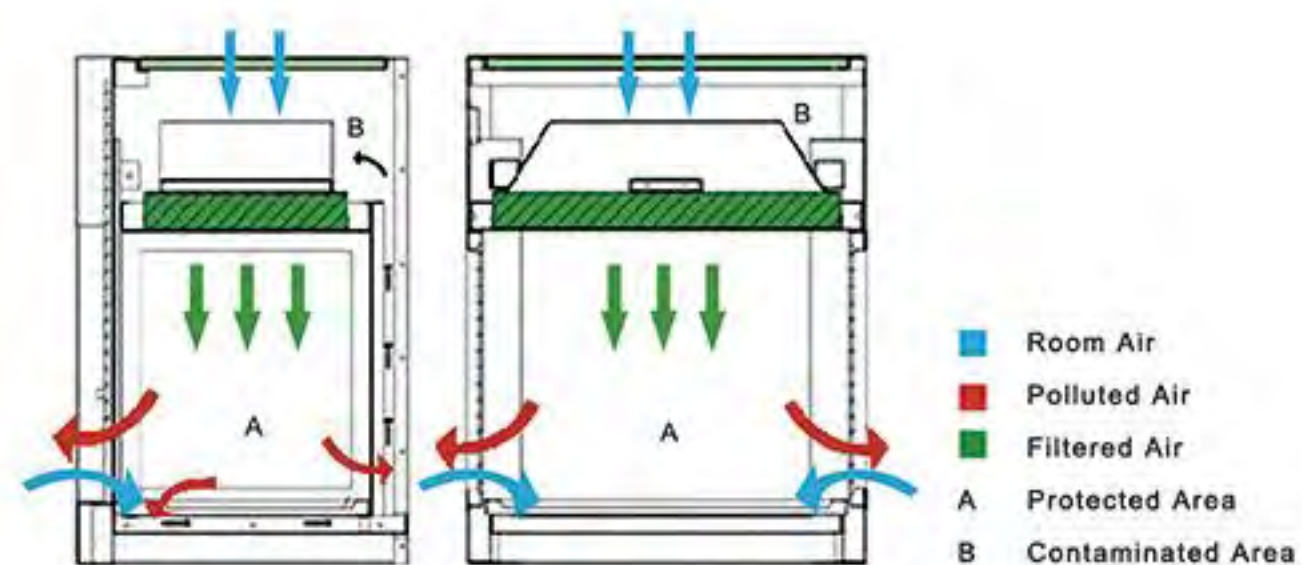


BBS-V700 & BYKG-IX
BYKG-X & BYKG-XII

There are two types:

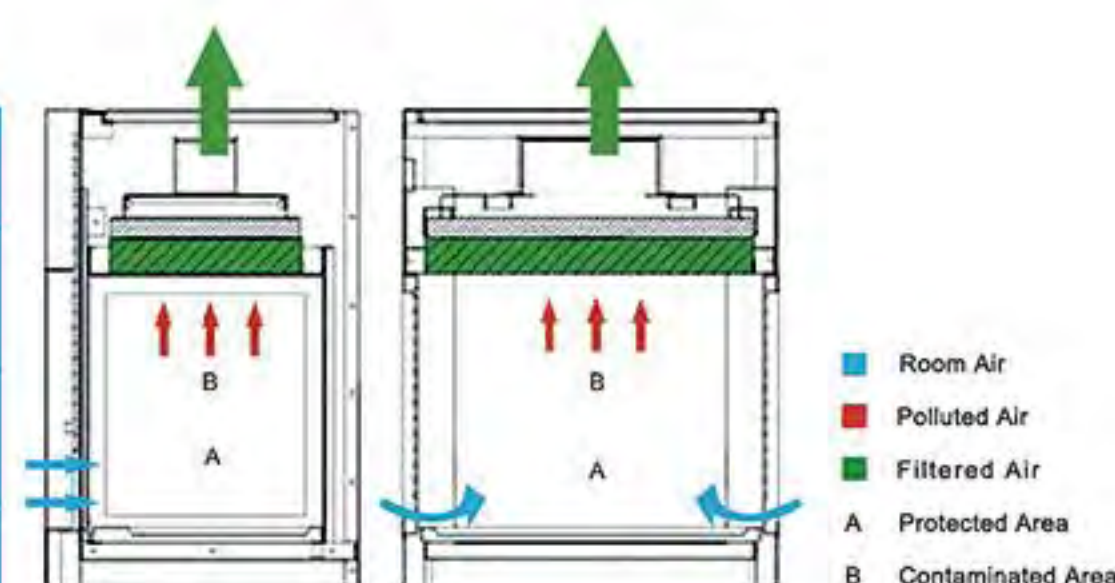
- Positive pressure in work area only protects sample.

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



- Negative pressure in work area protects operator and environment.

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



TECHNICAL PARAMETERS

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

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.

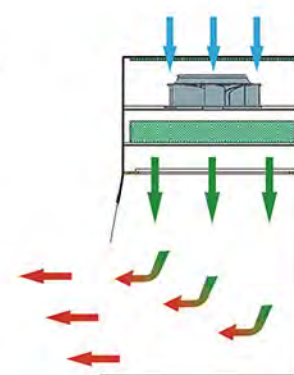


UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



Shelf with IV Bar



- Polluted Air
- HEPA Filtered Air
- Room Air



Side Glass Window

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

ADVANTAGE

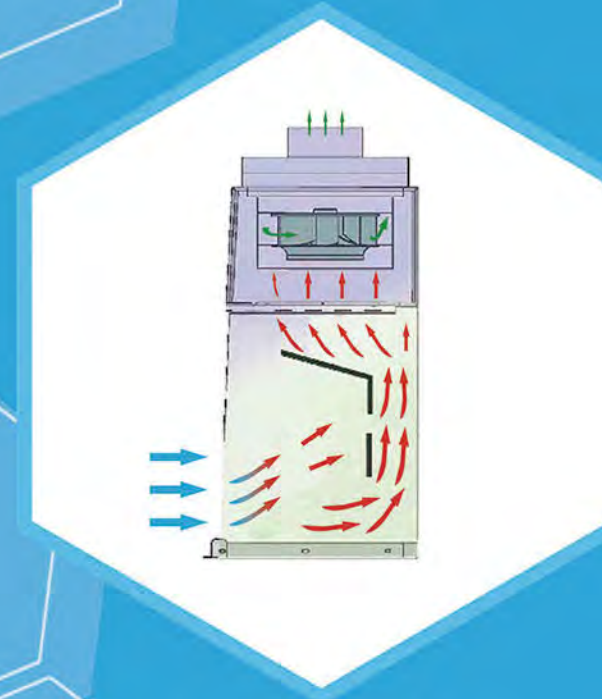
1. LCD display (LED display for PCR1000).
2. UV sterilization system.
3. HEPA filter efficiency 99.999% at 0.3µm.
4. With memory function in case of power-failure.
5. Interlock function: UV lamp only can be switched on when the front window is closed, ensuring operator safety.
6. UV timer (0-90 minutes): 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	99.999% 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				
Illumination Lamp	LED 8W*2	40W*1	LED12W*2	LED12W*2	LED12W*2
Illumination	≥1000Lux				
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	130kg	150kg	170kg	180kg	200kg
Package Size (W*D*H)	950*930*1370mm	1150*930*1370mm	1350*930*1370mm	1450*930*1370mm	1650*930*1370mm

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.

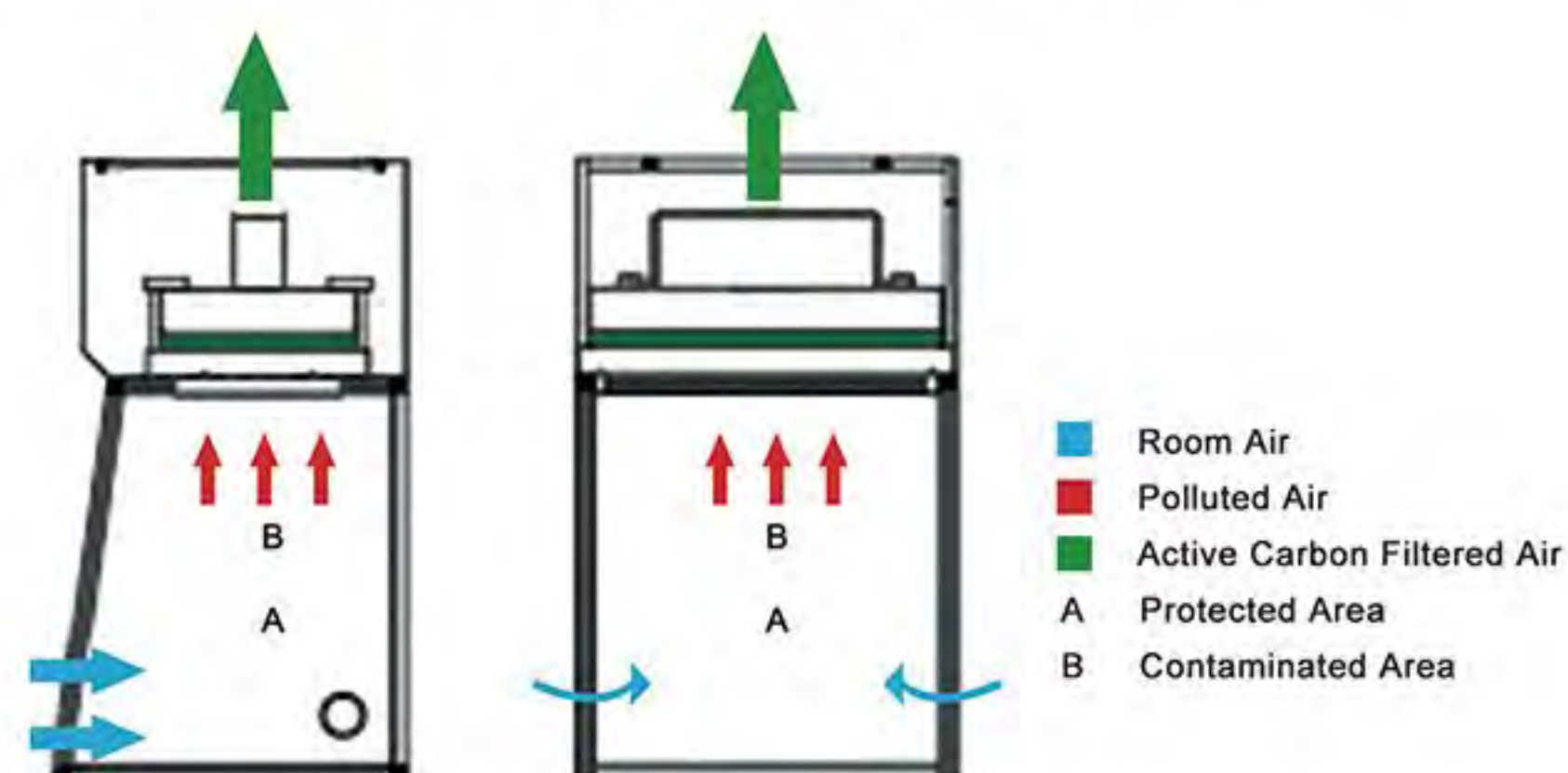


Ducted Fume Hood



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, flammable 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	≤60dB(A)	
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 bacteria power 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 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	110kg	
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: 4 meters φ300mm			
Pipe Strap		2 pcs			
LED Lamp		8W *1	12W *1	16W *1	16W *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 bacteria power coating.			
	Interior	High grade melamine board with good acid and alkali resistance function			
	Work table	Chemical resistant phenolic resin			
Standard Accessory		Water tap, Water sink, LED lamp, Total load of 2 waterproof sockets: 500W , Built-in PP blower, 4 meters PVC exhaust duct, pipe strap*2			
Optional Accessory		Gas tap			
Weight(Net/Gross)		250kg/270kg	275kg/300kg	300kg/330kg	330kg/365kg
Package	Main Body	1140*940*1850mm	1340*940*1850mm	1640*940*1850mm	1940*940*1850mm
	Base Cabinet	1140*940*1050mm	1340*940*1050mm	1640*940*1050mm	1940*940*1050mm



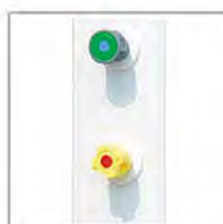
Ducted Fume Hood



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			
Noise		≤68dB			
Exhaust Duct		PVC, Standard length: 4 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	High grade melamine 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			
		4 meter PVC exhaust duct, pipe strap*2			
Optional Accessory		Active carbon filter			
Gross Weight		286kg	317kg	350kg	400kg
Package	Main Body	1190*990*1690 mm	1390*990*1690 mm	1690*990*1690mm	1990*990*1690mm
	Base Cabinet	1190*990*980mm	1390*990*980mm	1690*970*970mm	1990*990*980mm



Ducted PP Fume Hood



LED Display



PP Sink
resistant to acid,
alkali and anti-corrosion



Waterproof Socket



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 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			
Illuminating Lamp		LED lamp			
		12W*1	30W*1	30W*2	36W*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		330W	360W	360W	360W
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		Illuminating lamp, Water tap, Gas tap, Water Sink, Base cabinet Waterproof socket*2, 4 meters PVC duct (2 Pcs of 4 meters PVC duct for FH1800(P) only), Diameter: 250mm, PP centrifugal blower pipe strap*2 (4 Pcs for FH1800(P) only)			
Optional Accessory		PP work table, epoxy resin board or ceramic board, Active carbon filter, Outer PVC centrifugal blower (only need to select when the duct more than 4m)			
Gross Weight		160kg	198kg	225kg	259kg
Package Size	Main Body	1188*938*1612mm	1388*938*1612mm	1688*938*1612mm	1988*938*1612mm
(W*D*H)	Base Cabinet	1188*888*1000mm	1388*888*1000mm	1688*888*1000mm	1988*888*1000mm



Ductless 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			
Noise	≤68dB			
LED Lamp	8W*1	12W*1	16W*1	16W*1
UV Lamp	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, 4 meters exhaust duct, Active carbon filter, Foot switch			
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



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. Double-layers structure: 1mm sheet metal surface; Chemical resistant phenolic resin work table.
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		14W*2		14W*3	
UV Lamp		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			
Optional Accessory		Water tap, Gas tap, Water sink, UV Lamp, Electric height adjustable base stand, HEPA Filter			
Gross	Main Body	190kg	200kg	255kg	280kg
Weight	Base Cabinet	120kg	130kg	145kg	155kg
Package	Main Body	1140*1040*1490mm	1350*1040*1490mm	1650*1110*1490mm	1950*1110*1490mm
Size	Base Cabinet	1140*1040*1060mm	1350*1040*1060mm	1650*1110*1060mm	1950*1110*1060mm



LCD Display
LCD Touch Screen
Control Panel



**Waterproof
Socket**



**Water & Gas tap
reserve mouth**



Front Window
Front window reversal
design



**Explosion-proof
Fluorescent Lamp**



Walk-in Fume Hood



Water Sink



Water & Gas Remote
Control Valve



Water & Gas Tap



Application



Application

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*2200mm	1500*800*2200mm	1800*800*2200mm
Internal Size (W*D*H)		980*600*1650mm	1280*600*1650mm	1580*600*1650mm
Max Opening		1300mm		
Exhaust Airflow Volume		1150m³/h	1500m³/h	1850m³/h
Inflow Air Velocity		0.3~0.8m/s		
Noise		62dB		
Vibration		XYZ direct ≤ 4μm		
Illumination		≥800Lux		
LED Lamp		12W*2	16W*2	16W*2
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption		400W	600W	800W
Front Window		Manual, Toughened glass		
Material	Exterior	1.0mm cold-rolled steel with bacteria powder coating.		
	Interior	High grade melamine board with good acid and alkali resistance function		
Standard Accessory		Blower(External), LED lamp, Water tap, Gas tap, PP cup sink, Remote control water valve, Remote control gas valve, Waterproof sockets*4, 4 meters PVC exhaust duct		
Sockets		Total load of 4 waterproof sockets: ≤500W		
Package Size (W*D*H)	Main Body	1400*1050*2430mm	1710*1050*2430mm	2010*1050*2430mm
	Exhaust Blower	970*810*720mm	970*810*720mm	970*810*720mm

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 99.999% efficiency at 0.3 μ m.

TECHNICAL PARAMETERS

Model	MFE-I
External Size(W*D*H)	500*500*980mm
Air Velocity	0.3~0.6m/s
Filter Efficiency	99.999% efficiency at 0.3 μ m
Noise	≤75dB(A)
Suction Inlet Diameter	375mm
Rated Power	180W
Power Supply	AC110/220V±10%, 50/60Hz
Gross Weight	15kg (Extracting arm)
	61kg (Purification system)
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	FFU 1000	FFU 1200	FFU 1500	FFU 1800
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 0.3 μ m			
HEPA Filter Size(W*D*H)	970*69*570mm	1170*69*570mm	1470*69*570mm	1770*69*570mm
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*540*800mm	1335*540*800mm	1635*540*800mm	1935*540*800mm



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).

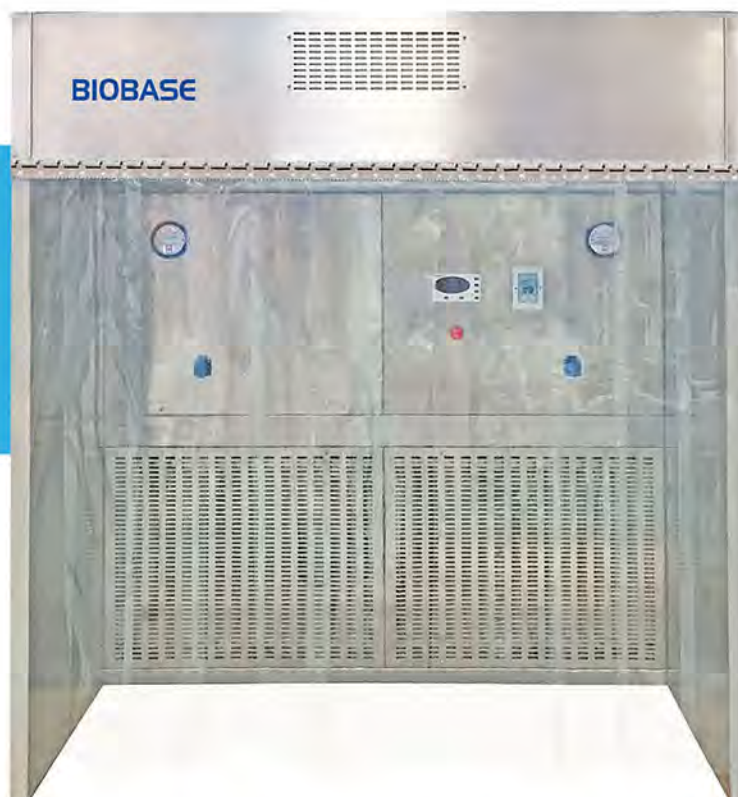
TECHNICAL PARAMETERS

Model	BKCB-1500	BKCB-2000	BKCB-3000	BKCB-5000
External Size (W*D*H)	1500*2000*2530mm	2000*3000*2530mm	3000*4000*2530mm	5000*5000*2530mm
HEPA Filter	99.999% efficiency at 0.3μm			
Consumption	800W	1500W	2800W	5000W
FFU Nos.	4 pcs	6 pcs	12 pcs	25 pcs
Clean Level	ISO 5 (Class 100), 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 253.7nanometers, with UV timer			
Illuminating Lamp	16W*1	16W*2	16W*3	16W*5
	LED Lamp, Illumination: ≥500lux			
Air Velocity	0.1~0.6m/s, average 0.45m/s			
Noise	≤75db			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Gross Weight	390kg	670kg	1100kg	2900kg
Package Size(W*D*H)	2110*930*920mm	3080*980*1280mm	3080*980*1280mm	4080*980*1280mm
	2280*660*500mm	3080*660*550mm	3080*980*1280mm	4080*980*1280mm
			4080*660*550mm	1260*660*1280mm
				5080*460*500mm

Customized design for clean level, size or material is available



Dispensing Booth (Sampling or Weighing Booth)



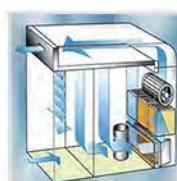
Customization Available



Reference Picture



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



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 protect 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	99.999% 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*4 & 14W*2
	LED Lamp, Illumination: ≥500lux		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	600W	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	2640*960*2380mm
		2020*660*495mm	2640*780*680mm
		1950*530*2160mm	2640*560*2250mm

Customized design for clean level, size or material is available



Pathology Workstation



Configuration

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



Suction Inlet

Suction inlet adopts louver-type.
The upper mouth 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.

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*H)		895*430*900mm	1395*430*900mm	1695*430*900mm
Work Surface Height		900mm		
Consumption		250W	300W	300W
Optional Water Heater		1500W		
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		Spotlight; UV lamp; Fluorescent lamp; Exhaust system; 4m exhaust duct; Pipe strap		
		Auto flushing device; Stainless steel hanger; Adjustable hot and cold water tap;		
		180mm deep stainless steel water sink, funnel with filter. Active carbon filter		
Optional Accessories		Pulverizer, Electrical water heater, Automatic induction hand dryer, Eye washer, Camera, Flex magnifier light, laptop bracket		
Package Size(W*D*H)		1160*890*2170mm	1660*890*2170mm	1960*890*2170mm
Gross Weight		250kg	300kg	340kg

Chicken Isolator



INTRODUCTION

Positive pressure isolator or Negative pressure isolator can be chosen.
BCI-I Chicken Isolator is designed for SPF chicken feeding and poultry disease testing.

ADVANTAGE

- 1. Automatic feed water system, labor saving.
- 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.

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, temperature adjustable(10-50℃), with fan, fluorescent lamp, UV lamp keys
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
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	180kg
Package Size (W*D*H)	2430*1010*2070mm
Standard Accessories	Pre-filter*2, HEPA filter*2, filter cotton, UV lamp, heating lamp*2, fluorescent lamp, high quality butyl gloves*6 (pairs), feeding and drinking system



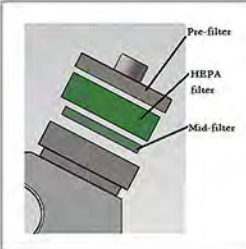
LED Display
Temperature and humidity, with fan, UV lamp, fluorescent lamp, heating lamp control buttons.



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



Aerosol Adsorber



FEATURES

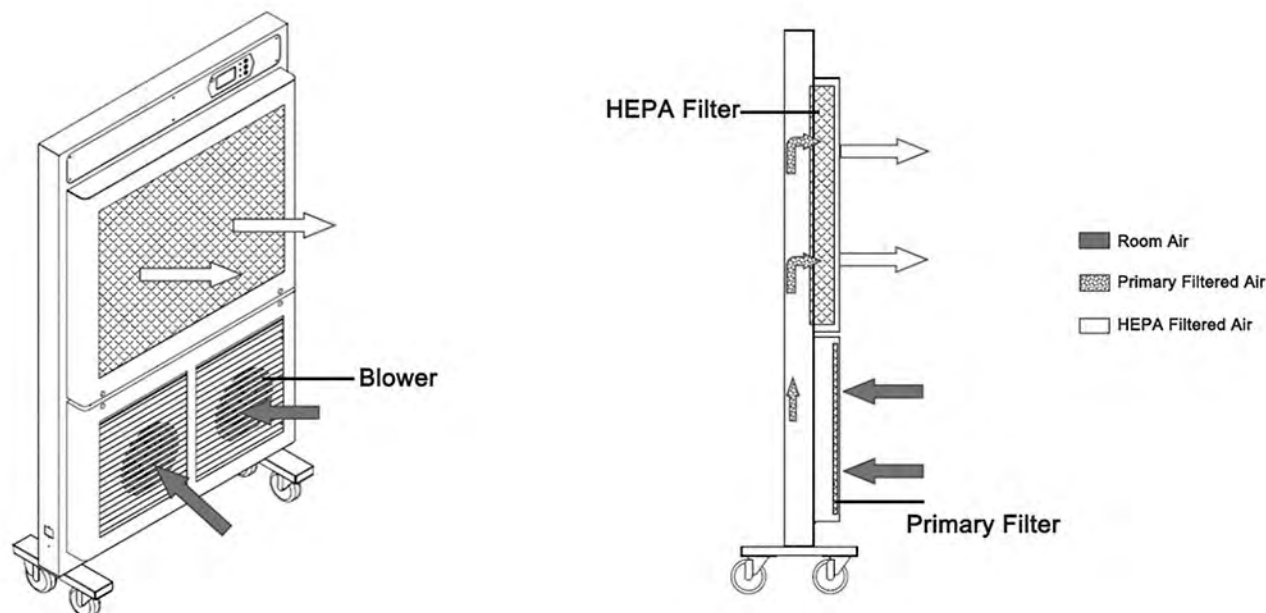
Aerosol adsorber is an air purification equipment, which is widely used in hospital, small clinic, laboratory, office, meeting room and house etc. it can protect your life and your health through filtering dust, germ and virus in the air.

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*120*1500 mm
Filter	Primary Filter, HEPA filter
Optimal Space	≤20m ²
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	58kg
Package Size(W*D*H)	1050*440*1800mm



Air Shower



Air shower is a necessary passage for person entering clean room in order to minimize the amount of particulate contaminant, achieve workplace strict clean purification standards. Personnel move through the air shower while particulate contaminants are blew off by the clean high speed air. So the dust can't be brought into clean area.

Features

- 1. Photoelectric sensor, automatic blowing.
- 2. Designed with circulation wind to ensure the cleanness of shower area under non-shower status.
- 3. Double doors with 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)mm	1300*1000*2050	1500*1000*2050	1500*2000*2050
Shower Area Size(W*D*H)mm	800*890*1930	800*890*1930	800*1890*1930
HEPA Filter	99.999% 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*2
Consumption	1000W	1500W	2000W
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		
Gross Weight	300kg	400kg	700kg
Package Size(W*D*H)mm	1400*1150*2200	1600*1150*2200	1600*1650*2200

Pass Box



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.

Type	Pass Box			Air Shower Pass Box		
Model	PB-01	PB-02	PB-03	ASPB-01	ASPB-02	ASPB-03
External Size(W*D*H)mm	660*570*580	760*670*680	860*770*780	660*570*1000	760*670*1100	860*770*1200
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	15W*1		8W*1	15W*1	
HEPA Filter	/	/	/	Efficiency≥ 99.999% at 0.3μm		
Clean air speed	/	/	/	0.36~0.54m/s		
Gross Weight (kg)	55	70	90	80	100	125
Package Size(W*D*H)mm	780*690*770	880*790*870	980*890*970	780*690*1190	880*790*1290	980*890*1390