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BIOBASE®

BIOBASE® Group

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Version
2018.1

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.

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Our advantages:

- We built an excellent research team which consists of 50 professional engineers.
- We have 19 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.
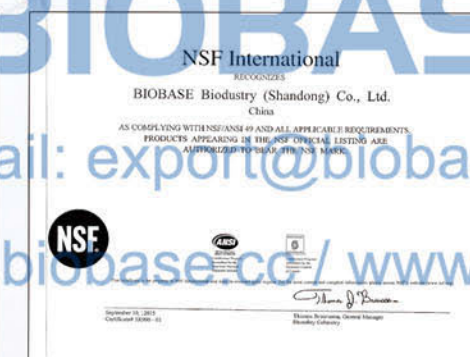
CERTIFICATES

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

CONTENTS

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.

- Room Air
- Contaminated Work Chamber Air
- HEPA Filtered Air
- A Protected Area
- B Un-Protected Area
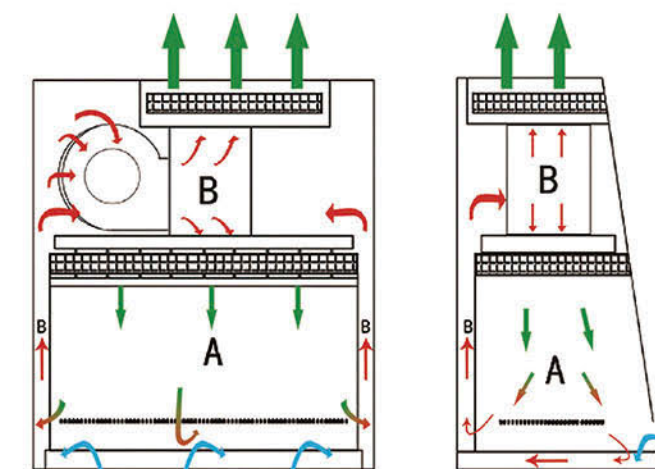
Class II A2 Biological Safety Cabinet

BIOBASE

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.

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. 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, Electric height adjustable base stand
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

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

SS Water Tap &Gas Tap

Work Zone

Unibody design

Footmaster Caster

Universal caster with brake and leveling feet.

Waterproof Socket

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')	BSC-4FA2(4')	11236BBC86(6')
External Size(W*D*H)		1087*775*2265mm	1383*775*2295mm	1873*775*2295mm
Internal Size(W*D*H)		910*600*660mm	1210*600*660mm	1700*600*660mm
Work Surface Height		750mm		
Max Opening		520mm (21″)	550mm (22″)	550mm (22″)
Tested Opening		Safety height 200mm (8″)		
Airflow Volume	Inflow	348m³/h (205cfm)	462m³/h (272cfm)	649m³/h (382cfm)
	Downflow	65%: 649m³/h (382cfm)	60%: 863m³/h (507cfm)	60%: 1212m³/h (713cfm)
	Exhaust	35%: 348m³/h (205cfm)	40%: 462m³/h (272cfm)	40%: 649m³/h (382cfm)
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	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: 304 stainless steel		
		Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating		
UV Lamp		18W	30W	40W
		Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination		
Illuminating Lamp		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, Remote control, Electric height adjustable base stand		
Package Size (W*D*H)		1220*1000*1840mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight		270kg	334kg	363kg
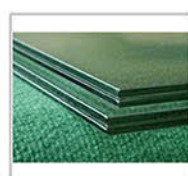
NSF Certified Class II A2 Biological Safety Cabinet

Exhaust Thimble canopy(Optional)

Stainless Steel I.V. Bar with 10 hooks

LCD Display

LCD display for BSC-4FA2-GL and BSC-6FA2-GL

LCD display for BSC-4FA2-NA and BSC-6FA2-NA

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

SS Water Tap &Gas Tap
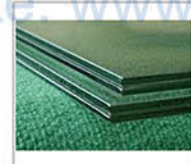
Work Zone
Unibody design

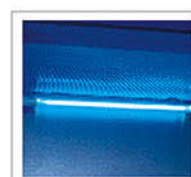### Footmaster Caster
Universal caster with brake and leveling feet.

Waterproof Socket

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-GL(4')	BSC-6FA2-GL(6')	BSC-4FA2-NA(4')	BSC-6FA2-NA(6')
External Size(W*D*H)		1383×775×2295mm	1873×775×2295 mm	1383×775×2295mm	1873×775×2295 mm
Internal Size(W*D*H)		1210×600×660 mm	1700×600×660 mm	1210×600×660 mm	1700×600×660 mm
Work Surface Height		750mm			
Max Opening		550mm (22")			
Tested Opening		Safety height 254mm (10")			
Airflow Volume	Inflow	587m³/h(346cfm)	824m³/h(485cfm)	587m³/h(346cfm)	824m³/h(485cfm)
	Downflow	60%:863m³/h(508cfm)	60%:1212m³/h(713cfm)	60%:863m³/h(508cfm)	60%:1212m³/h(713cfm)
	Exhaust	40%:587m³/h(346cfm)	40%:824m³/h(485cfm)	40%:587m³/h(346cfm)	40%:824m³/h(485cfm)
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	500W	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	40W	30W	40W
		Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination			
Illuminating Lamp		18W*2	22W*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, Thimble canopy			
Package Size (W*D*H)		1540*1080*1900mm	2020*1080*1900mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight		340kg	370kg	340kg	370kg

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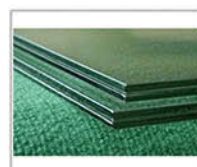
Front Window
Two-layer laminated toughened glass>5mm, anti UV

SS Water tap &Gas tap

Work Zone
Unibody design

Footmaster Caster
Universal caster with brake and leveling feet.

Waterproof Socket

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.

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.

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

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	Fluorescent lamp 16W*2	Fluorescent 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	Illuminating 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 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.
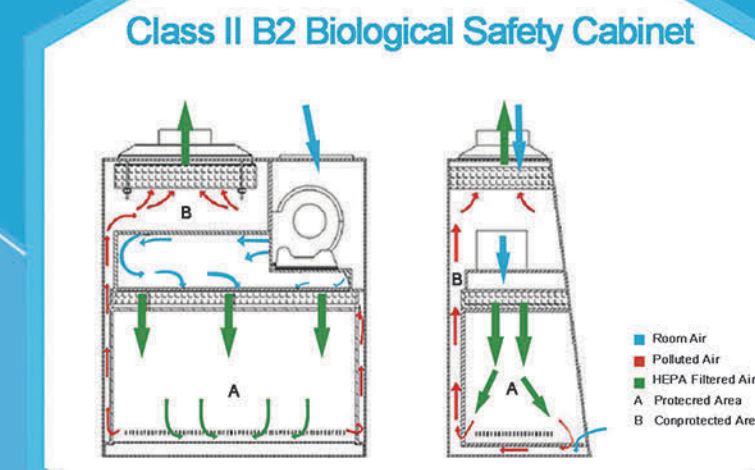
Class II B2 Biological Safety Cabinet

Room Air
Polluted Air
HEPA Filtered Air
A Protecred Area
B Conprotected Area

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.
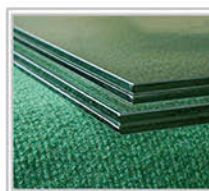
Work Zone

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.

Exhaust Blower

Centrifugal fan, speed adjustable.

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 alarm 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	1670*600*660mm
External Size (W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*760*2250mm	1820*750*2250mm
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*2
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Illuminating Lamp	LED lamp 12W*2	LED lamp 14W*2	LED lamp 16W*2	Fluorescent Lamp 40W*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 (W*D*H)	1230*990*1810mm	1460*1050*1800mm	1650*990*1810mm	1950*990*1950mm
Package — Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm	920*710*680mm

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.
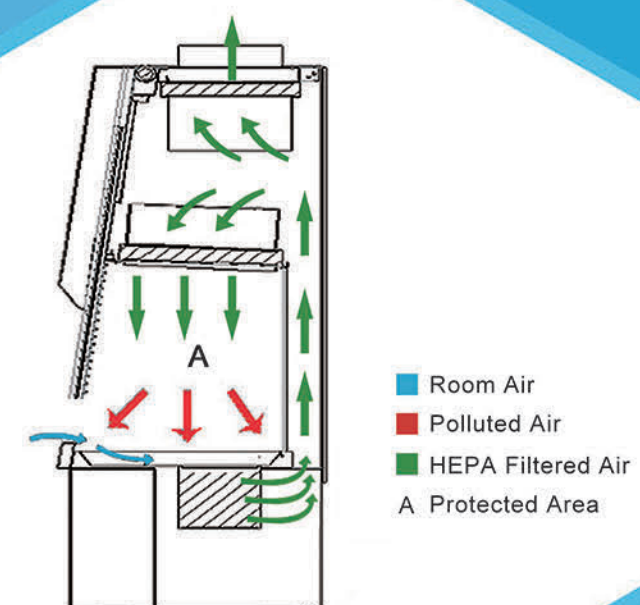
■ Room Air
■ Polluted Air
■ HEPA Filtered Air
A Protected Area

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.
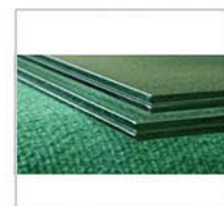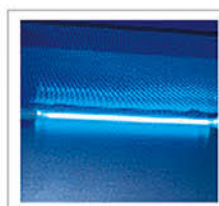
Remote Control

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

Water and Gas Tap

High quality stainless steel.

UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

Front Window

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

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.
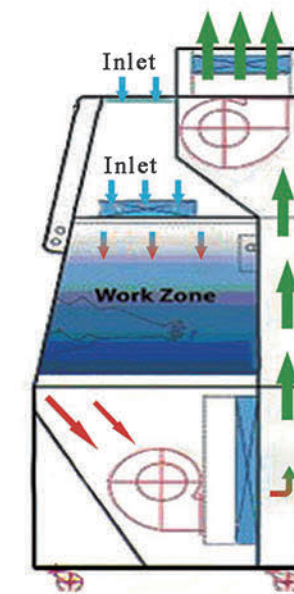
TECHNICAL PARAMETERS

Model	11234BBC86
Internal Size (W*D*H)	1220*600*660mm 48"*26"*24.8"
External Size (W*D*H)	1380*760*2100mm 53.9"*29.9"*86.6"
Tested Opening	Safety Height 200mm(8")
Max Opening	440mm(17")
Internal Work Area, space	0.73m³
Inflow Velocity	0.53m/s
Down Flow Velocity	0.33m/s
Exhaust Volume	465m³/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	30W*1. Emission of 253.7 nanometers for most efficient decontamination. UV life indicator
LED Lamp	16W*2
Illumination	≥1000Lux
Consumption	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, PVC duct
Gross Weight	371kg
Package Size (W*D*H)	1540*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

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 99.999% for 0.12μm particles.

TECHNICAL PARAMETERS

Model	BSC-1500IIIX
External Size(W*D*H)	1750*880*2080mm
Internal Size(W*D*H)	1240*650*660mm
Pass Box Size(W*D*H)	Internal Size: 400*370*330mm
	External Size: 535*495*425mm
Gloves	One pair of 800mm butyl rubber gloves
Front Window	8 mm toughened glass, anti-UV
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	700W
Fluorescent Lamp	28W*2
UV Lamp	30W*2, 8W*1, Emission of 253.7 nanometers for most efficient decontamination
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Gross Weight	410kg
Package Size(W*D*H)	1900*1060*2290mm
Standard Accessories	Gloves, Fluorescent lamp*2, UV lamp*4, remote control, pressure meter, drain valve

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.

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.
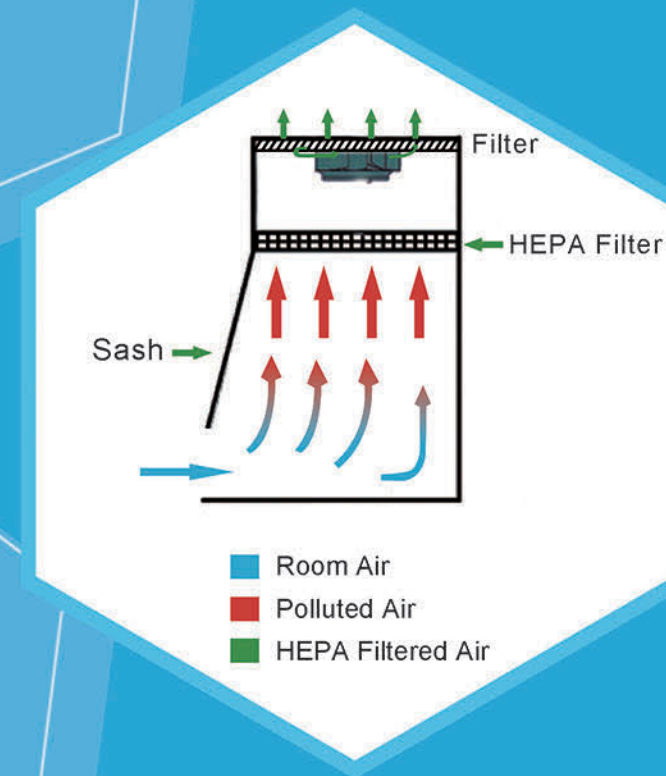
- Room Air
- Polluted Air
- HEPA Filtered Air

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 LED lamp	8W*1 LED lamp	8W*1 LED lamp	21W*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 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

Control Button

Footmaster Caster

APPLICATIONS

Suitable 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 with low noise
3. Concise and easy with nice appearance
4. Low maintenance cost
5. Easy to install and disassemble
6. Adjustable height range 0-400 mm
7. Customize height as you want
8. Constructed of Aluminium alloy and square steel pipe, safe and reliable

TECHNICAL PARAMETERS

Max Route(mm)		100	200	300	350	400
Height of Base Stand	Min.Height(mm)	480	580	680	730	780
	Middle Height(mm)	530	680	730	905	980
	Max.Height(mm)	580	780	980	1080	1180
Max Load		600kg (100-600kg optional)				
Load Speed		3mm/s				
Working Frequency		10%, max continuous working time is 2 minutes				
Noise		<42dB				
Work Temperature		+5℃~40℃				
Material		Pedestal :Square steel pipe(40*40*2mm)		Lifting Rod :Aluminium alloy		
Power Supply		AC220V±10%,50/60Hz;110V±10% 60Hz				
Controller Consumption		100W-200W				
Caster		Footmaster Caster				

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

9535-A   9535   CSI-E   TES1357   TES1332A

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

I

II

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.

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.

Arm rest

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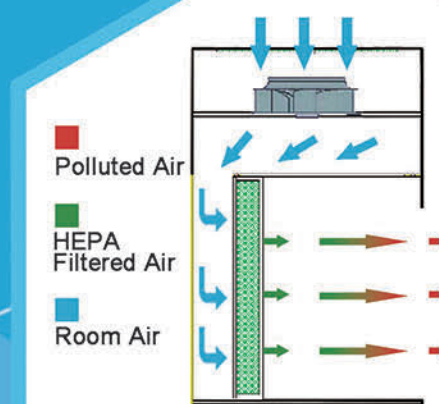
Technical Parameters:

Material: Economy line-artificial leather
Backrest height: 50cm
Height range: 44~58cm

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.

Polluted Air
HEPA Filtered Air
Room Air

Horizontal Type

Polluted Air
HEPA Filtered Air
Room Air

Vertical Type

BIOBASE

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	<60dB	
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	700W
Waterproof Socket	Two, total load≤500W	
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2 Water tap(only for BBS-H1800)	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	254kg	328kg
Package Size(W*D*H)	1450*1060*1650mm	1950*1060*1600mm

Horizontal Laminar Flow Cabinet

LED Display
Microprocessor control system, LED 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)
External Size（W*D*H）	1060*800*1690mm	1460*800*1690mm
Internal Size（W*D*H）	1040*500*650mm	1440*500*650mm
Work Surface Height	730mm	
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 Side Windows: 5mm toughened glass, anti-UV	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3μm	
Noise	<60dB	<60dB
LED Lamp	12W*1	16W*1
UV Lamp	20W*1 Emission of 253.7 nanometers	30W*1
Consumption	320W	620W
Waterproof Socket	Two, total load≤500W	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	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	165kg	179kg
Package Size(W*D*H)	1230*1000*1890mm	1630*1000*1890mm

Vertical Laminar Flow Cabinet

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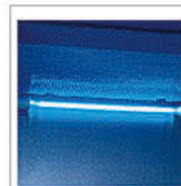Airflow velocity, UV timer, UV work time, system work time, real time.

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	<60dB	
Front Window	Motorized	
Max Opening	430mm	430mm
LED Lamp	12W*1	16W*1
UV Lamp	30W*1 Emission of 253.7 nanometers	40W*1
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

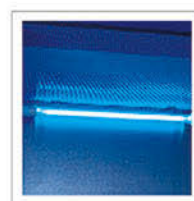| Model	BBS-V680	BBS-V800	BBS-DDC	BBS-SDC
External Size (W*D*H)	680*410*1160mm	802*650*1550mm	1040*615*1770mm	1440*615*1770mm
Internal Size (W*D*H)	630*375*615mm	800*600*540mm	940*540*545mm	1340*540*545mm
Work Surface Height	/	660mm	750mm	750mm
Display	LED Display			
Airflow Velocity	Average of 0.3~0.5m/s, 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	<60dB			
Front Window	/	Manual, 5mm toughened glass, anti-UV		
Max Opening	/	490mm	310mm	310mm
Illuminating Lamp	Fluorescent lamp 14W*1	LED lamp 8W*1	LED lamp 12W*1	LED lamp 16W*1
UV Lamp	15W*1 Emission of 253.7 nanometers	20W*1	18W*1	30W*1
Consumption	160W	350W	350W	600W
Standard Accessory	Fluorescent lamp UV lamp*2 Water & gas tap	LED lamp UV lamp*2 Base stand	LED lamp UV lamp*2 Base stand	LED lamp UV lamp*2 Base stand
Optional Accessory	/	Electric height adjustable base stand		
Caster	/	Universal wheel with leveling feet		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Gross Weight	50kg	116kg	131kg	174kg
Package Size (W*D*H)	840*560*1380mm	960*800*1800mm	1190*890*1340mm	1590*890*1330mm

Vertical Laminar Flow Cabinet
---Double Sides Type

BIOBASE

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	<60dB	
Front Window	Manual, 5mm toughened glass, anti-UV	
Max Opening	310mm	
UV Lamp	18W*1 Emission of 253.7 nanometers	30W*1
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

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

Compounding Hood

BBS-V500 & BYKG-VII   BBS-V600 & BYKG-VIII   BBS-V700 & BYKG-IX

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	

- Room Air
- Polluted Air
- Filtered Air
- A Protected Area
- B Contaminated Area
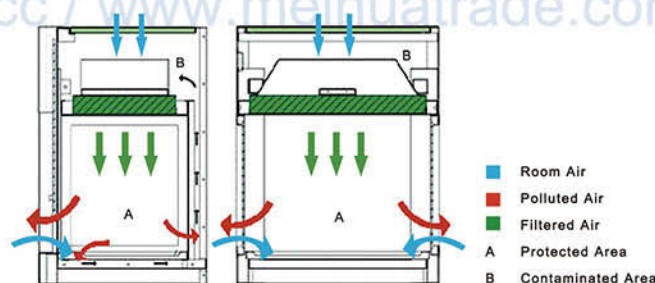
- Negative pressure in work area protects operator and environment.

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

- Room Air
- Polluted Air
- Filtered Air
- A Protected Area
- B Contaminated Area
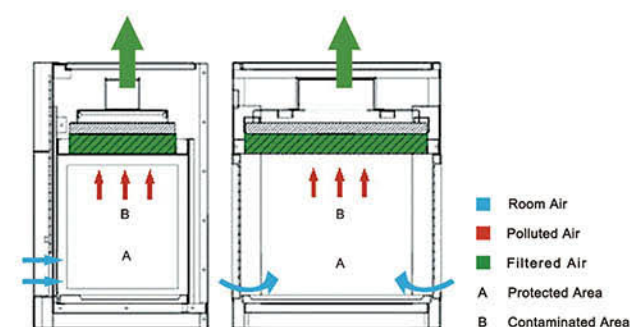
TECHNICAL PARAMETERS

Model		BBS-V500	BYKG-VII	BBS-V600	BYKG-VIII	BBS-V700	BYKG-IX
External Size (W*D*H)		550*460*700mm		600*581*1115mm		700*620*1150mm	
Internal Size (W*D*H)		480*340*370mm		580*520*613mm		640*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 model 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
Noise		≤60dB					
Front Window		Manual, 5mm toughened glass, anti UV	Manual, acrylic material			Manual, acrylic material	
Max Opening		310mm		590mm		660mm	
LED Lamp		4W*1		4W*1		4W*2	
UV Lamp		8W*1		8W*1		15W*1	
		Emission of 253.7 nanometers					
Consumption		100W		150W		300W	
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.		HEPA Filter, LED lamp*2, 4 meters PVC exhaust duct, Pipe Strap.	Active Carbon Filter, LED lamp*2, 4 meters PVC exhaust duct, Pipe Strap.
Optional Accessory		Electric height adjustable base stand				UV Lamp*2	
Gross Weight		57kg		90kg		45kg	
Package Size (W*D*H)		700*610*830mm		760*740*1280mm		840*760*1370mm	

PCR Cabinet

PCR1000
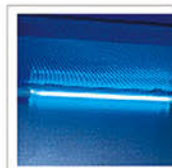
**PCR800/PCR1200/
PCR1300/PCR1500**

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.
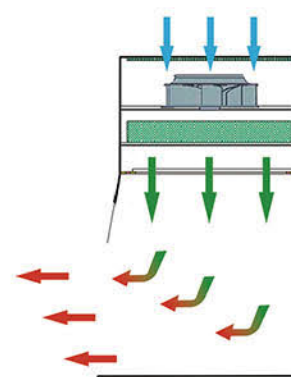
UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

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. LED display.
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.
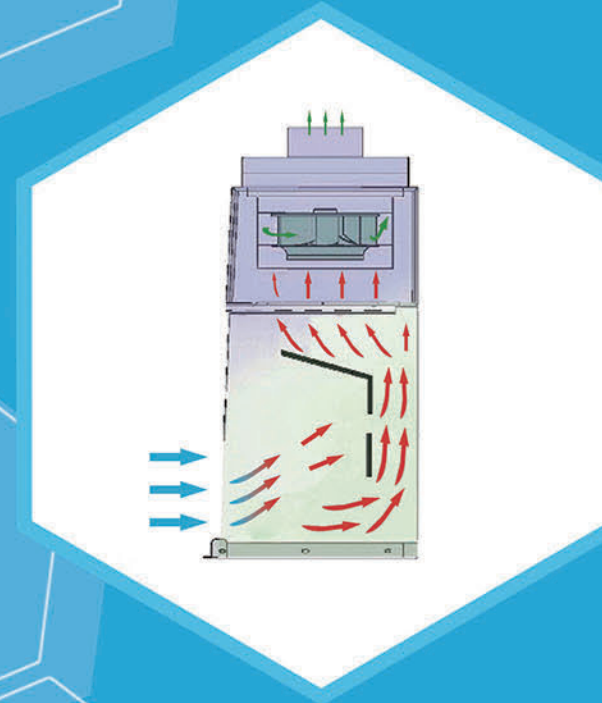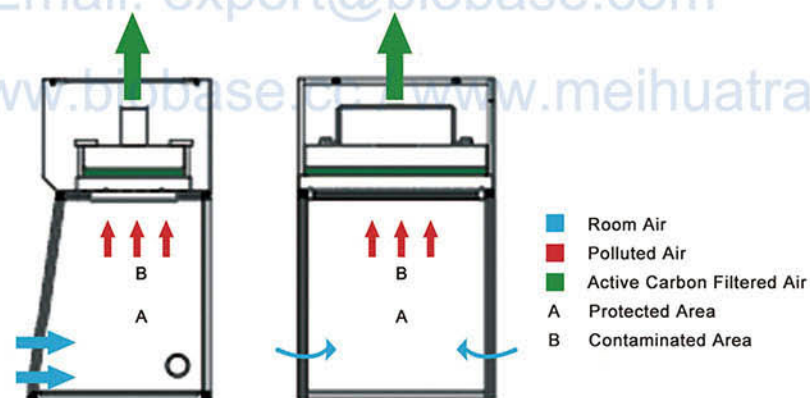
Ducted Fume Hood

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

Air Flow Pattern:

	Room Air
	Polluted Air
	Active Carbon Filtered Air
A	Protected Area
B	Contaminated Area

LED Display
Digital LED display: Airflow Level

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

Folding acrylic front window, down part with free stop function

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		≤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
Gross Weight		45kg
Package Size (W*D*H)		840*760*1400mm

Ducted Fume Hood

BIOBASE

ADVANTAGE

1. Adjustable air speed: 9 levels.
2. Resistant to moderate acid and alkali.
3. With memory function in case of power-failure.
4. Manual front glass window, height adjustable.
5. Built-in PP blower, melamine board inward, resistant to acid, alkali, and anti-corrosion.

TECHNICAL PARAMETERS

Model		FH1000(E)	FH1200(E)	FH1500(E)	FH1800(E)
External Size(W*D*H)		1000*800*2365mm	1200*800*2365mm	1500*800*2465mm	1800*800*2465mm
Internal Size(W*D*H)		790*635*820mm	990*635*820mm	1290*635*820mm	1590*635*820mm
Work Surface Height		900mm			
Max Opening		750mm			
Air Velocity		0.3~0.8m/s			
Noise		≤60dB			
Exhaust Duct		PVC, Standard length: 4 meters φ300mm			
LED Lamp		12W*1	12W*1	16W*1	12W*2
Blower		Built-in PP axial flow blower; Speed adjustable		Built-in PP centrifugal blower; Speed adjustable	
Front Window		Manual, 5mm toughened glass, height adjustable			
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption		400W	400W	500W	500W
Material	Exterior	1.0mm cold-rolled steel with bacteria powder 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 (2 blowers for FH1800(E) only), 4 meters PVC exhaust duct (2 pcs of 4 meters PVC duct for FH1800(E) only), pipe strap*2 (4 pcs for FH1800(E) only).			
Optional Accessory		Gas tap			
Gross Weight		286kg	317kg	350kg	400kg
Package	Main Body	1140*940*1720mm	1340*940*1720mm	1640*940*1820mm	1940*940*1820mm
	Base Cabinet	1140*940*1050mm	1340*940*1050mm	1640*940*1050mm	1940*940*1050mm

LED Display
Digital LED display: Airflow Level

Waterproof Socket

Universal Wheel

Water Remote Control

Water Tap

Water Tap & Water Sink

Ducted Fume Hood

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		≤60dB			
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

LED Display

Waterproof Socket

Water&Gas Remote Control

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

Ducted PP Fume Hood

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)		1040*750*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200 mm
Internal Size (W*D*H)		820*520*872mm	1020*570*872mm	1320*570*872mm	1620*570*872 mm
Work Surface Height		740mm			
Max Opening		815mm			
Air Velocity		0.3~0.6m/s			
Noise		≤60dB			
Illuminating Lamp		LED lamp 12W*1	Fluorescent Lamp 30W*1	Fluorescent Lamp 30W*2	Fluorescent Lamp 36W*2
Blower		Built-in PP centrifugal blower (2 blowers for FH1800(P) only); Speed adjustable			
Front Window		Resistant to acid, 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			
		Outer PVC centrifugal blower (only need to select when the duct more than 4m)			
Gross Weight		160kg	198kg	225kg	259kg
Package Size (W*D*H)	Main Body	1120*840*1620mm	1320*880*1620mm	1620*880*1620mm	1920*880*1620mm
	Base Cabinet	1120*840*1040mm	1320*880*1040mm	1620*880*1040mm	1920*880*1040mm

LED Display

Waterproof Socket

PP Sink
resistant to acid, alkali and anti-corrosion

Water&Gas Remote Control

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 aviod 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. 10°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	≤60dB			
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

LCD Display
LCD Touch Screen Control Panel

Waterproof Socket

Foot Window
Front window reversal design

Water & Gas tap reserve mouth

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. Double-layer 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*800*2140mm	1200*800*2140mm	1500*800*2140mm	1800*800*2140mm
Internal Size (W*D*H)		910*690*705mm	1110*690*705mm	1410*690*705mm	1710*690*705mm
Work Surface Height		900mm			
Max. Opening		650mm			
Air Velocity		0.3~0.6m/s			
Airflow Volume		220m³/h		440m³/h	
Noise		≤55dB(A)			
Fluorescent Lamp		11W*2	11W*2	11W*3	11W*4
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	400W	500W	500W
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating			
	Interior	High grade melamine board with good acid and alkali resistant function			
	Work Table	Chemical resistant phenolic resin			
Stand Accessories		Fluorescent Lamp, Base cabinet Total load of 2 waterproof sockets: 500W, Chemical Filter			
Optional Accessory		Water tap, Gas tap, Water sink, UV Lamp, Electric height adjustable base stand, HEPA Filter			
Gross Weight		240kg	270kg	320kg	350kg
Package Size (W*D*H)	Main Body	1120*920*1540mm	1320*920*1540mm	1620*920*1540mm	1920*920*1540mm
	Base Cabinet	1120*920*1040mm	1320*920*1040mm	1620*920*1040mm	1920*920*1040mm

Walk-in Fume Hood

BIOBASE

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*580mm	970*810*630mm	970*810*680mm

CE ISO 9001 ISO 14001 ISO 13485 SGS

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 0.3μm.

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 0.3μm
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 0.3μm			
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)	Shell	1020*390*620mm	1220*390*620mm	1520*390*620mm	1820*390*620mm
	HEPA Filter	1015*120*615mm	1215*120*615mm	1515*120*615mm	1815*120*615mm

Email: export@biobase.com
Website: www.biobase.cc / www.meihuatrade.com

Clean Booth (Down Flow Booth)
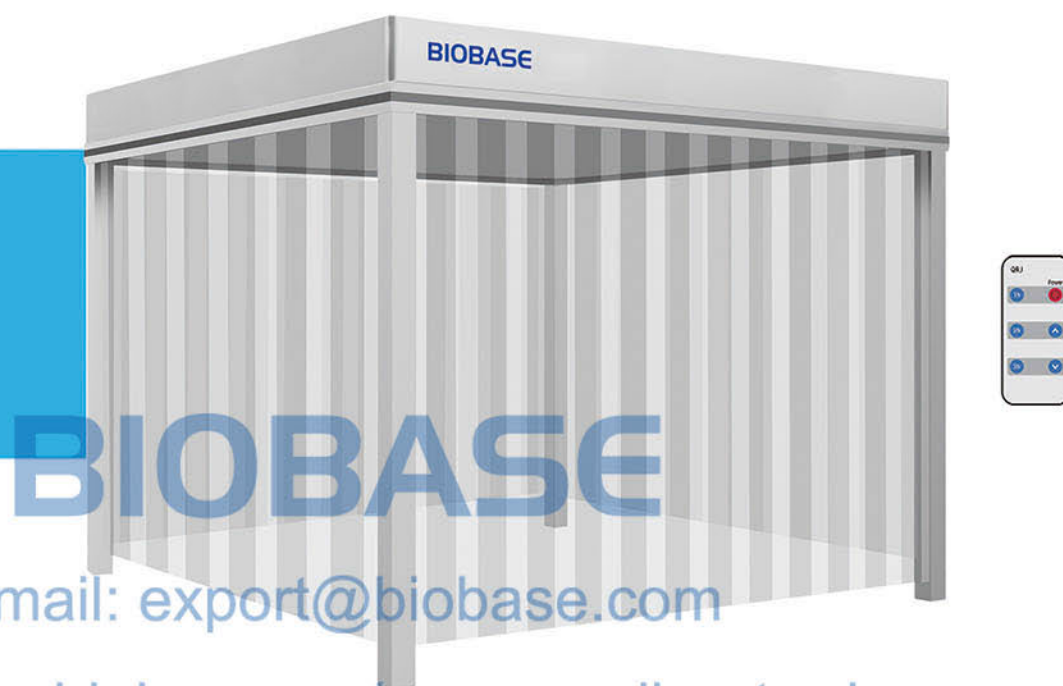
Customization Available

Reference Picture
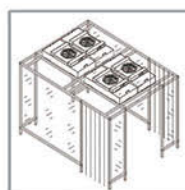
Design Drawing

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: ≥800lux			
Air Velocity	0.1~0.6m/s, average 0.45m/s			
Noise	≤62db			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Gross Weight	390kg	670kg	1100kg	2900kg
Package Size(W*D*H)	2110*930*920mm 2280*660*500mm	3080*980*1280mm 3080*660*550mm	3080*980*1280mm 3080*980*1280mm 4080*660*550mm	4080*980*1280mm 4080*980*1280mm 4080*980*1280mm 1260*660*1280mm 5080*460*500mm

Customized design for clean level, size or material is available
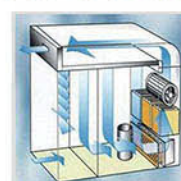
Dispensing Booth (Sampling or Weighing Booth)

Customization Available

Reference Picture

Reference Picture

Air Flow Pattern

Differential Pressure Gauge
Dwyer make Magnehellc 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 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	99.999% efficiency at 0.3μm		
Air volume	Supply air volume: ≤7500m³/h, Exhaust air volume: ≤2250m³/h; Adjustable		
Material	Fully stainless steel		
Air Velocity	0.35~0.65m/s, adjustable		
Pressure Gauge	3 pcs		
Noise	≤70dB		
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: ≥800lux		
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*1930mm	2020*760*2370mm 2020*660*445mm 1950*530*2110mm	2640*960*2330mm 2640*780*630mm 2640*560*2200mm
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

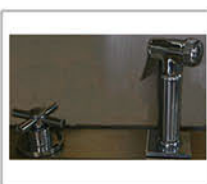| Model		QCT-1000	QCT-1500	QCT-1800
External Size(W*D*H)		1000*750*1950mm	1500*750*1950mm	1800*750*1950mm
Working Area Size(W*D*H)		895*430*900mm	1395*430*900mm	1695*430*900mm
Work Surface Height		900mm		
Consumption		250W	300W	300W
Optional Water Heater		1500W		
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 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

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

Water Tap & Sink
Stainless steel;
Whole-structure.

Suction Inlet
Suction inlet adopts louver-type. The upper mouthing structure ensures above blower suction, avoiding air back-streaming.

Flex Magnifier Light(Optional)

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

Pulverizer (Optional)
Completely smash the waste during test, to avoid blocking drainage pipes.

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

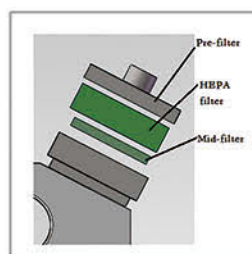| Model	BCI-I
External Size (W*D*H)	2200*850*1800mm
Animal Activity Area(W*D*H)	1600*750*820mm
Waste Collection Area(W*D*H)	1600*750*250mm
Display	LED display: temperature, humidity, temperature adjustable(10-50℃), with fan, fluorescent lamp, UV lamp keys
Air Change Rate	≥20 times/h
Airflow Velocity	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

Air Purifier

QRJ-128

LED Display

Remote Control

KJH-350

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. Remote control.
3. Adjustable air velocity.
4. Thorough sterilizing with UV Lamp.
5. QRJ-128: LCD display; KJH-350: LED display with touch button.
6. QRJ-128: Mobile Type, Wall Hanging Type, Suction Ceiling Type.
7. KJH-350: Eliminate formaldehyde efficiency:96.2%; Eliminate PM2.5 efficiency:99.9%

TECHNICAL PARAMETERS

Model	QRJ-128	KJH-350
External Size(W*D*H)	900×120×1500 mm	403*245*603mm
Filter	HEPA filter (Optional: lysozyme filter)	1st layer: Pre-Filter, 2nd layer: HEPA Filter 3rd layer: Active Filter
Optimal Space	≤15m²	40~65m²
Noise	≤58dB	<65dB
Consumption	240W	65W
Adjustable Air Speed	3 levels	4 levels
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Cleanness at Outlet	Class 100	
Gross Weight	58kg	13.5kg
Package Size(W*D*H)	1090*455*1600mm	478*318*690mm

Email: export@biobase.com
Website: www.biobase.cc / www.meihuatrade.com

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 duct 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	20W*1	20W*1	20W*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	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	30W*1					
HEPA Filter	Efficiency≥ 99.999% at 0.3µm			/	/	/
Clean air speed	0.36~0.54m/s			/	/	/
Gross Weight	75kg	100kg	130kg	35kg	40kg	50kg
Package Size(W*D*H)mm	700*770*1200	800*870*1300	900*970*1400	700*700*780	800*800*880	900*900*980