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BIOLOGICAL SAFETY CABINETS

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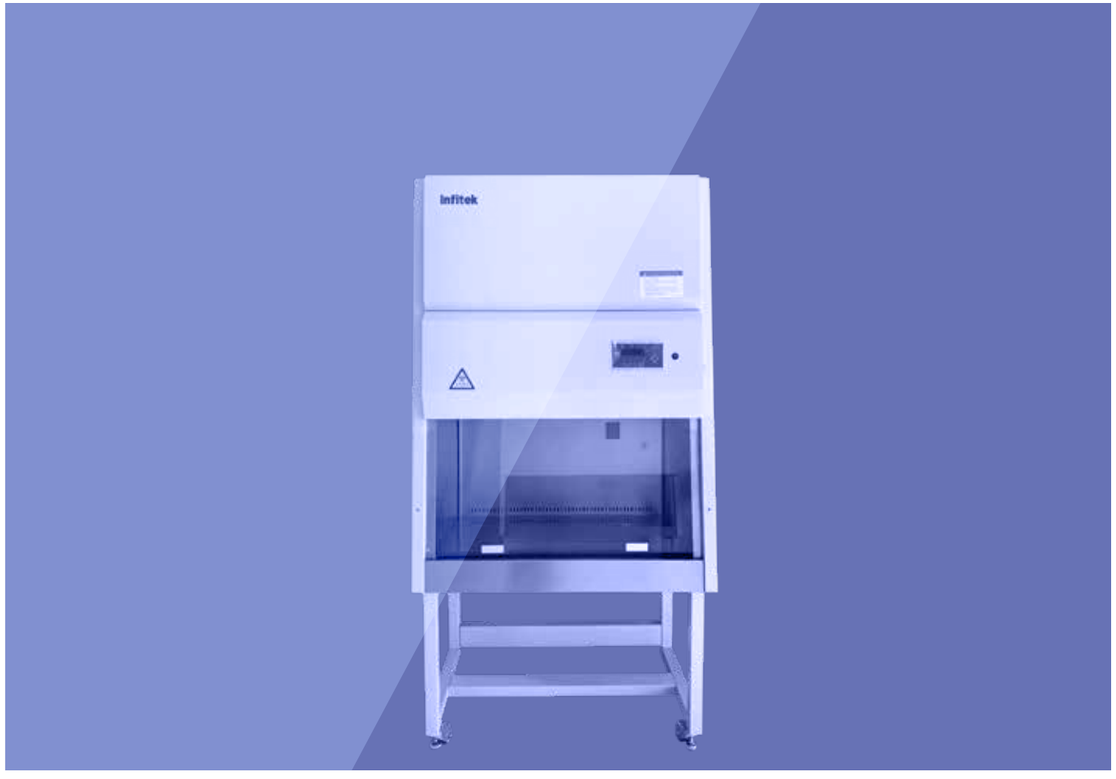
Infitek

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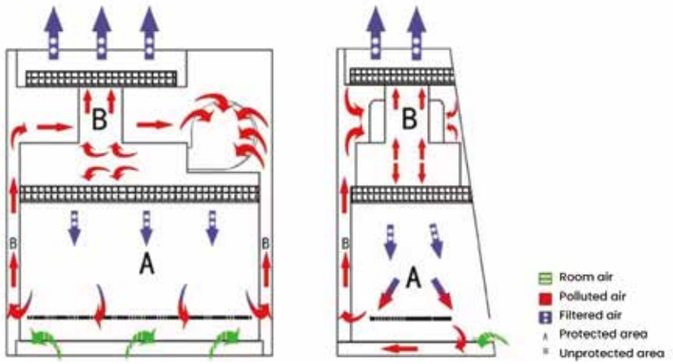


Biological Safety Cabinets

BSC-IIA2-2J

Description

- Biological safety cabinet is necessary equipment in the laboratory in the search of microbiology, biomedical, DNA recombinant, animal experiment and biological products, especially in the occasion that operator need to adopt protective measure, such us medical and health, pharmacy, medical research.





Selling points

- Unique negative pressure leak-proof design
- Equipped with height limit alarm device
- Front window and germicidal lamp interlocking design

Features

High-Quality&Ergonomic Construction

- The outer box is made of high-quality cold-rolled steel plate with electrostatic spraying;
- The three sides of the operation area are made of stainless steel integrated structure;
- Internal washable parts are treated with 10mm large rounded corners, which is easy to clean;
- 10° inclined design, making the operator more comfortable;

Energy-efficient

- Class II biological safety cabinet.
- Airflow system: 30% air exhaust,70% air recirculation.
- Two high-efficiency filters are standard;

High security

- Equipped with height limit alarm device.
- Unique negative pressure leak-proof design;
- The LCD blue screen digital indicates the value of each parameter, and the password is used to modify the program setting to prevent misoperation.

Convenient and practical front window design

- With integrated sliding door that can be positioned anywhere and can be fully closed for sterilization
- Adopts safety tempered glass not less than 6mm thick.
- Front window and germicidal lamp interlocking design: when the front window is opened, the germicidal lamp goes out.

Specifications

Model	BSC-IIA2-2J
Classification	Class II Type A2
Cleanliness level	ISO level 4
External Dimensions(W*D*H)(mm)	740*650*1850
Working Zone Dimensions(W*D*H)(mm)	600*500*520
Maximum Opening(mm)	400
Work Surface Height(mm)	About 700
Base Height(mm)	About 600
Filtration efficiency	≥99.9995%，@0.12μm
Filters	ULPA(U15)*2pcs
Downflow air velocity(m/s)	0.33±0.025
Inflow air velocity(m/s)	0.53±0.025
Sound emission	≤67dBA
Vibration semi-peak value	≤5μm
Biological safety personnel protection	Sampling number of all impact samplers CFU ≤ 10, sampling number of slit samplers CFU≤5
Product protection	Sampling number of all Petri dishes CFU≤5
Cross contamination protection	Sampling number of all Petri dishes CFU≤2
Illumination	≥900Lux
LED lamp	8W*2pcs
UV lamp	15W*1pc
Applicable number of people	1
Wind direction	Top out
Supply and exhaust pipe diameter(mm)	Φ250
Standard Accessories	UV lamp*1pc
	LED lamp*2pcs
	Waterproof socket*1pc
	Filter：ULPA(U15)*2pcs
Optional Accessories	Water valve,Air valve,Armrest, RS232 interface,Waterproof socket
Electricity	AC220V,50/60Hz ;1kW
Shipping Weight(kg)	120
Package Dimension (W*D*H)(mm)	830*760*2000

Biological Safety Cabinets

BSC-IIA2-3J **BSC-IIB2-3J**

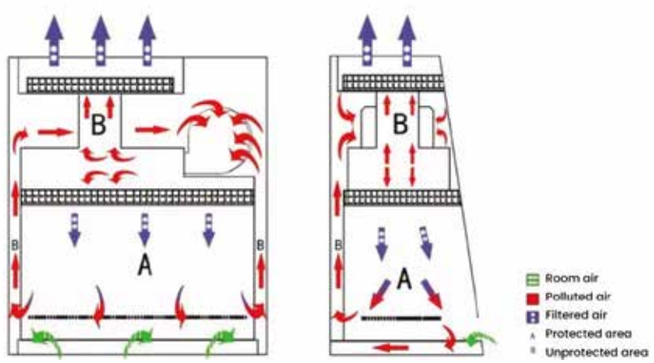
Features

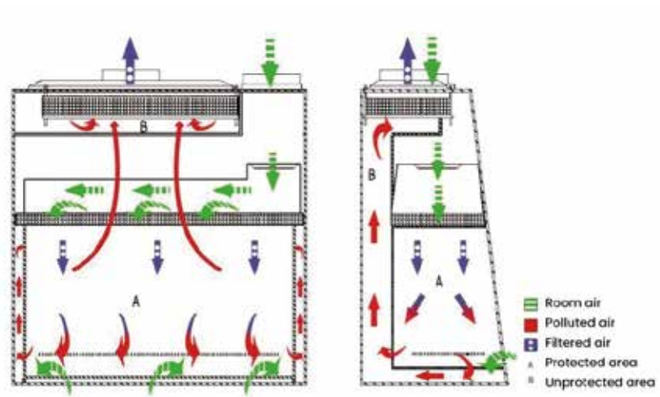
High-Quality&Ergonomic Construction

The outer box is made of high-quality cold-rolled steel plate with electrostatic spraying;
The three sides of the operation area are made of stainless steel integrated structure;
Internal washable parts are treated with 10mm large rounded corners, which is easy to clean;
10° inclined design, making the operator more comfortable;
The exhaust air is filtered by a high-efficiency filter to protect the environment from pollution;
7-inch color intelligent touch screen: Real-time display of all operating parameters.

Energy-efficient

Class II biological safety cabinet;
Vertical laminar negative pressure model, return air 30%/100% filtration discharge;





High security

Negative pressure design ensures the safety of operators;
Integrated sliding safety door positioning, easy to operate;
Equipped with filter blocking alarm, blower overload alarm, working window opening limit alarm system;

Selling points

- High-quality SUS304 stainless steel or cold-rolled steel plate
- Vertical laminar negative pressure model
- Class II biological safety cabinet

Description

BSC series biological safety cabinets are biological safety isolation equipment used in biological safety laboratories or other laboratories to protect personnel, tested samples and the environment. It can meet the operation of pathogenic body with risk level of 1, 2 and 3.



Specifications

Model	BSC-IIA2-3J	BSC-IIB2-3J
Classification	Class II Type A2	Class II Type B2
Cleanliness level	ISO level 4	
External Dimensions(W*D*H)(mm)	1200*760*2200	
Working Zone Dimensions(W*D*H)(mm)	1000*600*660	
Maximum Opening(mm)	470	
Work Surface Height(mm)	About 770	
Base Height(mm)	About 660	
Filtration efficiency	≥99.9995%，@0.12μm	
Filters	ULPA(U15)*2pcs	
Downflow air velocity(m/s)	0.25～0.40	
Inflow air velocity(m/s)	≥0.5	
Sound emission	≤67dBA	
Vibration peak	≤5μm	
Biological safety personnel protection	a.The total number of colonies in the impact sampler：≤10CFU/time b.Total colony count of the slot sampler：≤5CFU/time	
Product protection	1-8CFU/ml（repeat 3 times, 5min/time） total number of colonies：≤5CFU/time	
Cross contamination protection	1-8CFU/ml（repeat 3 times, 5min/time） total number of colonies：≤5CFU/time	
Illumination	≥1000Lux	
LED lamp	15W*2pcs	
UV lamp	20W*1pc	
Applicable number of people	1	
Wind direction	Top out	Top in，top out
Supply and exhaust pipe diameter(mm)	Φ250	Φ250
Standard Accessories	UV lamp*1pc LED lamp*2pcs Waterproof socket*1pc Filter：ULPA(U15)*2pcs	UV lamp*1pc LED lamp*2pcs Waterproof socket*1pc Filter：ULPA(U15)*2pcs Exhaust duct-5meters*1pc
Optional Accessories	Water valve,Air valve,Armrest,RS232 interface,Waterproof socket	
Electricity	AC220V,50/60Hz ;1.5kW	
G.W.(kg)	310	380, 35
Package Dimension(W*D*H)(mm)	1340*900*1900	1.1340*900*1900 2.600*500*600

Biological Safety Cabinets

BSC-IIA2-4J **BSC-IIB2-4J**





Description

BSC series biological safety cabinets are biological safety isolation equipment used in biological safety laboratories or other laboratories to protect personnel, tested samples and the environment. It can meet the operation of pathogenic body with risk level of 1, 2 and 3.

Selling points

- Vertical laminar negative pressure model
- High-quality SUS304 stainless steel or cold-rolled steel plate
- Class II biological safety cabinet

Features

High-Quality&Ergonomic Construction

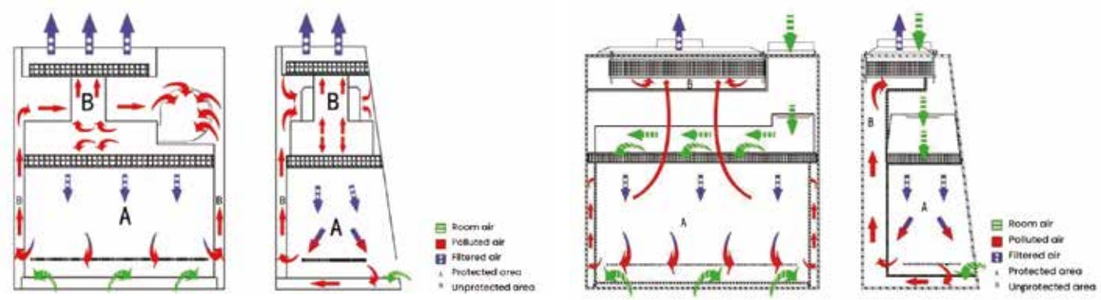
The outer box is made of high-quality cold-rolled steel plate with electrostatic spraying;
The three sides of the operation area are made of stainless steel integrated structure;
Internal washable parts are treated with 10mm large rounded corners, which is easy to clean;
10° inclined design, making the operator more comfortable;
The exhaust air is filtered by a high-efficiency filter to protect the environment from pollution;
7-inch color intelligent touch screen: Real-time display of all operating parameters.

Energy-efficient

Class II biological safety cabinet;
Vertical laminar negative pressure model, return air 30%/100% filtration discharge

High security

Negative pressure design ensures the safety of operators;
Integrated sliding safety door positioning, easy to operate;
Equipped with filter blocking alarm, blower overload alarm, working window opening limit alarm system;



Specifications

Model	BSC-IIA2-4J	BSC-IIB2-4J
Classification	Class II Type A2	Class II Type B2
Cleanliness level	ISO level 4	
External Dimensions(W*D*H)(mm)	1500*760*2200	
Working Zone Dimensions(W*D*H)(mm)	1300*600*660	
Maximum Opening(mm)	470	
Work Surface Height(mm)	About 770	
Base Height(mm)	About 660	
Filtration efficiency	≥99.9995%，@0.12μm	
Filters	ULPA(U15)*2pcs	
Downflow air velocity（m/s）	0.25～0.40	
Inflow air velocity（m/s）	≥0.5	
Sound emission	≤67dBA	
Vibration peak	≤5μm	
Biological safety personnel protection	a.The total number of colonies in the impact sampler：≤10CFU/time	
	b.Total colony count of the slot sampler：≤5CFU/time	
Product protection	1-8CFU/ml（repeat 3times，5min/time）total number of colonies：≤5CFU/time	
Cross contamination protection	1-8CFU/ml（repeat 3times，5min/time）total number of colonies：≤5CFU/time	
Illumination	≥1000Lux	
LED lamp	20W*2pcs	
UV lamp	30W*1pc	
Applicable number of people	1-2	
Wind direction	Top out	Top in，top out
Supply and exhaust pipe diameter（mm）	Φ250	
Standard Accessories	UV lamp*1pc LED lamp*2pcs Waterproof socket*1pc Filter：ULPA(U15)*2pcs	UV lamp*1pc LED lamp*2pcs Waterproof socket*1pc Filter：ULPA(U15)*2pcs Exhaust duct-5meters*1pc
Optional Accessories	Water valve,Air valve,Armrest,RS232 interface,Waterproof socket	
Electricity	AC220V,50/60Hz ;1.5kW	
G.W.(kg)	330	330,35
Package Dimension(W*D*H)(mm)	1640*900*1900	1.1640*900*1900 2.640*500*600

Biological Safety Cabinets

BSC-IIA2-5J **BSC-IIB2-5J**



Description

BSC series biological safety cabinets are biological safety isolation equipment used in biological safety laboratories or other laboratories to protect personnel, tested samples and the environment. It can meet the operation of pathogenic body with risk level of 1, 2 and 3.

Selling points

- Vertical laminar negative pressure model
- High-quality SUS304 stainless steel or cold-rolled steel plate
- Class II biological safety cabinet

Features

High-Quality&Ergonomic Construction

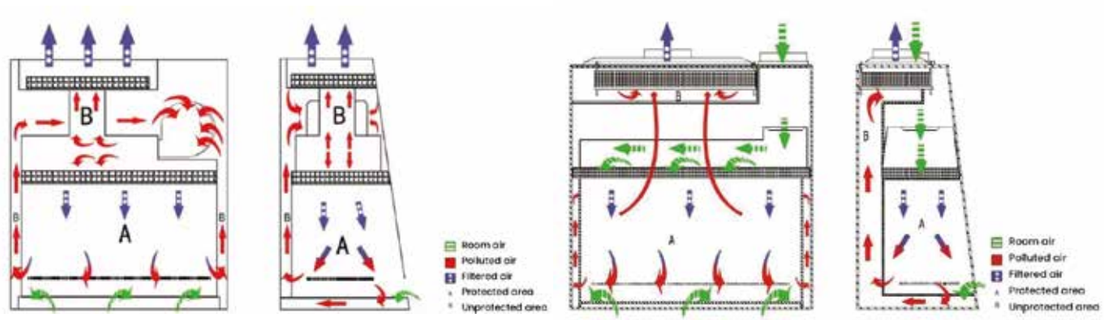
The outer box is made of high-quality cold-rolled steel plate with electrostatic spraying;
The three sides of the operation area are made of stainless steel integrated structure;
Internal washable parts are treated with 10mm large rounded corners, which is easy to clean;
10° inclined design, making the operator more comfortable;
The exhaust air is filtered by a high-efficiency filter to protect the environment from pollution;
7-inch color intelligent touch screen: Real-time display of all operating parameters.

Energy-efficient

Class II biological safety cabinet;
Vertical laminar negative pressure model, return air 30%/100% filtration discharge

High security

Negative pressure design ensures the safety of operators;
Integrated sliding safety door positioning, easy to operate;
Equipped with filter blocking alarm, blower overload alarm, working window opening limit alarm system;



Specifications

Model	BSC-IIA2-5J	BSC-IIB2-5J
Classification	Class II Type A2	Class II Type B2
Cleanliness level	ISO level 4	
External Dimensions(W*D*H)(mm)	1800*760*2200	
Working Zone Dimensions(W*D*H)(mm)	1600*600*660	
Maximum Opening(mm)	470	
Work Surface Height(mm)	About 770	
Base Height(mm)	About 660	
Filtration efficiency	≥99.9995%，@0.12μm	
Filters	ULPA(U15)*2pcs	
Downflow air velocity（m/s）	0.25～0.40	
Inflow air velocity（m/s）	≥0.5	
Sound emission	≤67dBA	
Vibration peak	≤5μm	
Biological safety personnel protection	a.The total number of colonies in the impact sampler：≤10CFU/time	
	b.Total colony count of the slot sampler：≤5CFU/time	
Product protection	1-8CFU/ml（repeat 3times，5min/time）,total number of colonies：≤5CFU/time	
Cross contamination protection	1-8CFU/ml（repeat 3times，5min/time） total number of colonies：≤5CFU/time	
Illumination	≥1000Lux	
LED lamp	25W*2pcs	
UV lamp	40W*1pc	
Applicable number of people	1-3	
Wind direction	Top out	Top in，top out
Supply and exhaust pipe diameter（mm）	Φ250	
Standard Accessories	UV lamp*1pc LED lamp*2pcs Waterproof socket*1pc Filter：ULPA(U15)*2pcs	UV lamp*1pc LED lamp*2pcs Waterproof socket*1pc Filter：ULPA(U15)*2pcs Exhaust duct-5meters*1pc
Optional Accessories	Water valve,Air valve,Armrest,RS232 interface,Waterproof socket	
Electricity	AC220V,50/60Hz;1.5kW	
G.W.(kg)	380	380, 35
Package Dimension(W*D*H)(mm)	1940*900*1900	1.1940*900*1900 2.640*500*600

Biological Safety Cabinets

BSC-IIA2-700

Selling points

- Work Surface Height: 770mm
- Max. Opening Height: 350mm
- Inflow Air Velocity: 230m³/h (135cfm)
- Down flow Air Velocity: 428m³/h (252cfm)



Features

- Small dimension,save space.
- 7-inch large touch color display:touch operation,real-time and clearer display of various values of the safety cabinet,dynamic airflow pattern diagram,fault alarm sound and light prompt.
- The power-on password can be set to prevent misoperation by irrelevant personnel.
- It has an appointment timing function,which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
- Motorized front window:one button front window lifting function.
- Audio and visual alarm: abnormal airflow velocity, filter replacement,front window at unsafe height,high filter pressure alarm.
- Power-off memory,restore the state before power-off,and have a visual reminder to alarm.
- Interlocking function:UV lamp and front window; UV lamp and fan, LED lamp; fan and front window.
- The cabinet is separated from the base.
- The operation area is integrally formed,which is easy to disassemble and clean.
- The closing of the front window can double trigger the signal,so that the sterilization and dis-infection function of the UV lamp can be turned on normally.
- Anti-paper dust structure at the air inlet to prevent paper dust from entering the air-cavity.

Description

Biological safety cabinet is necessary equipment in the laboratory in the search of microbiology, biomedical, DNA recombinant, animal experiment and biological products, especially in the occasion that operator need to adopt protective measure, such us medical and health, pharmacy, medical research.

Specifications

Model	BSC-IIA2-700
External Dimension (W*D*H)	700*670*1920mm
Internal Dimension (W*D*H)	600*500*540mm
Work Surface Height	770mm
Max. Opening Height	350mm
Safe Operation Opening Height	200mm
Inflow Air Velocity	230m³/h (135cfm)
Down flow Air Velocity	428m³/h (252cfm)
Exhaust	230m³/h (135cfm)
Front Window	Electric, glass thickness>5mm, anti-ultraviolet
ULPA Filter	2pcs, filtration efficiency for 0.12μm particles≥99.9995%
Illumination	≥1000Lux
Sound Emission	≤65dB
Display	Color touch screen
Electricity	AC 230V, 50/60Hz/110V, 60Hz
Rated Power	950W
LED Lamp	8W
UV Lamp	15W
Alarm	Alarm for abnormal wind speed,
	Alarm for glass door not at safe height,
	Alarm for abnormal power failure
Motor	AC single fan, adjustable speed, high efficiency, low power
Material	Working Area: 304 stainless steel,
	Main Body: Cold-rolled steel with anti-bacteria powder coating
Standard Accessories	LED lamp*2pcs, UV lamp*2pcs, Base stand*1pc,
	Foot switch*1pc, Drain valve*1pc, Water-proof socket*2pcs
Optional Accessories	Water and gas tap
N.W/G.W	120/141kg
Package Dimension(W*D*H)	800*900*1420mm

Biological Safety Cabinets

BSC-IIA2-1100 BSC-IIA2-1300 BSC-IIA2-1500 BSC-IIA2-1800

Selling points

- Max.Opening: 480mm
- Inflow Air Velocity: 0.53±0.025m/s
- Down flow Air Velocity: 0.33±0.025m/s



Features

- Color key display: large screen, more clear and dynamic display of various values of the safety cabinet,and has the function of appointment timing.
- With power-off memory function, the state before power-off will be restored after power-on, and there will be visual prompts and alarms.
- The integrated design of the operation area makes it easy to disassemble and clean.
- The cabinet is separated from the base.The height of the base can be customized.
- Interlocking function: UV lamp and front window; UV lamp and fan, LED lamp, fan and front window.
- It has the function of appointment timing,which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps,fans and sockets.
- The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
- The front window glass has a one-key lift function.
- The cabinet is designed with a 7° inclination angle,which is in line with ergonomic principles,with a larger viewing angle,convenient operation and more humanization.
- The one-piece hand rest has a large flat surface,which has a larger contact area with the arm and is more comfortable.

Description

Biological safety cabinet is necessary equipment in the laboratory in the search of microbiology, biomedical, DNA recombinant, animal experiment and biological products, especially in the occasion that operator need to adopt protective measure, such us medical and health, pharmacy, medical research.

Specifications

Model	BSC-IIA2-1100	BSC-IIA2-1300	BSC-IIA2-1500	BSC-IIA2-1800
External Dimensions(W*D*H)(mm)	1100*760*2200	1300*760*2200	1500*760*2200	1800*760*2200
Internal Dimensions(W*D*H)(mm)	940*600*660	1150*600*660	1350*600*660	1625*600*660
Tested Opening	Safety height 200mm			
Max. Opening	480mm			
Inflow Air Velocity	0.53±0.025m/s			
Down flow Air Velocity	0.33±0.025m/s			
ULPA Filter	2pcs, 99.9995% efficiency at 0.12μm, filter life indicator			
Front Window	Motorized, 6mm two-layer laminated toughened glass, Anti UV			
Sound Emission	≤65dB			
UV Lamp	30W*1	30W*1	40W*1	40W*1
LED Lamp	12W*2	14W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	600W	800W	1300W	1300W
Waterproof Socket	Total load of two sockets:500W			
Display	Color Touch Screen			
Control System	Microprocessor			
Airflow System	70% air recirculation, 30% air exhaust			
Visual and Audio Alarm	Abnormal airflow velocity,filter replacement,front window at unsafe height,high filter pressure alarm,abnormal power failure			
Material	Work Zone: 304 stainless steel Main Body:Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height	770mm (Can be customized)			
Caster	Footmaster caster			
Electricity	AC 220V 50/60Hz; 110V/60Hz			
Standard Accessories	LED lamp*2pcs, UV lamp*2pcs, Base stand*1pc, Foot switch*1pc, Drain valve*1pc, Water-proof socket*2pcs			
Optional Accessories	Water and gas tap			
N.W/G.W(kg)	220/310	255/360	285/400	345/470
Package Dimension (W*D*H) (mm)	1250*1080*1870	1450*1080*1870	1650*1080*1870	1950*1080*1870

Biological Safety Cabinets

BSC-IIB2-1100 BSC-IIB2-1300 BSC-IIB2-1500 BSC-IIB2-1800

CE

Selling points

- Max. Opening: 480mm
- Inflow Air Velocity: 0.53±0.025m/s
- Down flow Air Velocity: 0.33±0.025m/s



Features

- Color key display:large screen,more clear and dynamic display of various values of the safety cabinet,and has the function of appointment timing.
- With power-off memory function,the state before power-off will be restored after power-on,and there will be visual prompts and alarms.
- The integrated design of the operation area makes it easy to disassemble and clean.
- The cabinet is separated from the base.The height of the base can be customized.
- Interlocking function:UV lamp and front window;UV lamp and fan, LED lamp,fan and front window.
- It has the function of appointment timing,which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps, fans and sockets.
- The front window closes the double trigger signal,so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
- The front window glass has a one-key lift function.
- The cabinet is designed with a 7° inclination angle,which is in line with ergonomic principles,with a larger viewing angle,convenient operation and more humanization.
- The one-piece hand rest has a large flat surface,which has a larger contact area with the arm and is more comfortable.

Description

Biological safety cabinet is necessary equipment in the laboratory in the search of microbiology, biomedical, DNA recombinant, animal experiment and biological products, especially in the occasion that operator need to adopt protective measure, such us medical and health, pharmacy, medical research.

Specifications

Model	BSC-IIB2-1100	BSC-IIB2-1300	BSC-IIB2-1500	BSC-IIB2-1800
External Dimension(W*D*H)(mm)	1100*780*2250	1300*780*2250	1500*780*2250	1800*780*2250
Internal Dimension(W*D*H)(mm)	940*600*660	1150*600*660	1350*600*660	1625*600*660
Tested Opening	Safety height 200mm			
Max. Opening	480mm			
Inflow Air Velocity	0.53±0.025m/s			
Down flow Air Velocity	0.33±0.025m/s			
ULPA Filter	2pcs,99.9995% efficiency at 0.12μm,filter life indicator			
Front Window	Motorized,6mm two-layer laminated toughened glass ,Anti UV			
Sound Emission	≤65dB			
UV Lamp	30W*1	30W*1	40W*1	40W*1
LED Lamp	12W*2	14W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	1300W	1300W	1300W	1300W
Waterproof Socket	total load of two sockets:500W			
Display	Color Touch Screen			
Control System	Microprocessor			
Airflow System	100% air exhaust			
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement,front window at unsafe height, high filter pressure alarm, abnormal power failure			
Material	Work Zone:304 stainless steel Main Body:Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height	770mm (Can be customized)			
Caster	Footmaster caster			
Power Supply	AC 220V 50/60Hz			
Standard Accessories	LED lamp*2pcs, UV lamp*2pcs, Base stand*1pc, Foot switch*1pc, Drain valve*1pc, Water-proof socket*2pcs, Exhaust duct-4meters*1pc			
Optional Accessories	Water and gas tap			
N.W/G.W(kg)	225/373	260/425	280/455	340/525
Package Dimension (W*D*H) (mm)	1250*1080*1870 (Host) 930*800*700 (Fan)	1450*1080*1870 (Host) 930*860*740 (Fan)	1650*1080*1870(Host) 930*860*740 (Fan)	1950*1080*1870 (Host) 930*860*740 (Fan)