CLASS II BIOSAFETY CABINET

CLASS II BIOSAFETY CABINET

Biolab Biological Safety Cabinet Class II Series is engineered specifically for laboratory operations that require user and product protection. Operates with a negative air pressure for personnel protection and HEPA filtered laminar airflow for product protection. Suitable for microbiological and research applications that do not involve radioactive substances and toxic contaminants.

Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory.

Also known as Class II BSC, Biosafety Cabinet.

BCBS-301 BIOLOGICAL SAFETY CABINET CLASS II

Stainless Steel 304 table for operation

Digital LCD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

Motored front window with timer function

Two-layered marinated toughened glass (≥5mm) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Remote control operation including front sash movement and fan speed control

Foot switch to adjust the height of the front window

Centrifugal fan speed adjustable: H14 HEPA filter

Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow

SPECIFICATIONS

Model	BCBS-301
Type	Class II, Type A2
Filter	HEPA Filter - Two, 99.995% efficiency at 0.3μm. Filter life indicator
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Max Opening	370mm(15")
Tested Opening	Safety height 200mm(8")
Front Window	Motorized. Single Layer toughened glass 5mm. Anti UV.
Airflow System	70% air recirculation, 30% air exhaust
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Work Zone Material	304 stainless steel
Work Surface Height	750mm with optional base stand
UV Lamp	15W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W x2
Illumination	≥1000Lux
Display	LCD display
Control System	Microprocessor
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity;High filter pressure alarm.
Standard Accessory	LED lamp x2, UV lamp x1, Remote control, Waterproof sockets x2
Optional Accessory	SS Water tap x1, SS Gas tap x1,Base stand

Waterproof Socket	Two, total load of two sockets: 500W
Noise	≤67dB
Internal Size (WxDxH)	600x500x540mm
External Size (WxDxH)	700x650x1230mm (without base stand)
Package Size (WxDxH)	Carton: 850x787x450mm Wood: 860x970x1420mm (with base stand) Carton: 730x787x1450mm Wood: 860x780x1420mm (without base stand)
Gross Weight	Carton: 140kg Wood: 160kg (with base stand) Carton: 120kg Wood:140kg (without base stand)
Power Supply	AC220V±10%, 50/60HZ;110V±10%, 60Hz

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		

200 BIOLOGICAL SAFETY CABINET CLASS II

Time reserve function

Stainless Steel 304 table for operation

Emission of 253.7 nm for highly efficient decontamination

Remote control operation including front sash movement and fan speed control

Motored front window with timer function

Two-layered marinated toughened glass (≥5mm) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Foot switch to adjust the height of the front window

2 waterproof sockets located inside panel

Automatic air speed adjustable with filter block

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Interlock function: Fluorescent lamp, UV lamp and front window, Blower and front window, UV lamp and blower

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow velocity

LCD display: filter and UV lamp working time, Filter life, Exhaust filter and downflow filter pressure, Humidity and temperature, System working time, Inflow and downflow velocity etc.

SPECIFICATIONS

Model	BCBS-201	BCBS-202	BCBS-203
Type	Class II, Type A2		
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 μm, filter life indicator		
Inflow Velocity	0.53±0.025 m/s		
Down Flow Velocity	0.33±0.025 m/s		
UV Lamp	30Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination		40Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	12Wx2	14Wx2	16Wx2
Illumination	≥1000 lux		
Waterproof Socket	Two, total load of sockets: 500W		
Work Surface Height	750 mm (Size can be customized according to requirements)		
Tested Opening	Safety height 200 mm (8")		
Max Opening	440 mm		
Front Window	Motorized, two layer laminated toughened glass ≥ 6 mm, Anti UV		
Airflow System	70% air recirculation, 30% air exhaust		
Control System	Microprocessor		
Caster	Footmaster Caster		
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.		
Work Zone Material	304 Stainless steel		
Main Body Material	Cold roller steel with anti bacteria powder coating		
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure		

Standard Accessory	LED lamp 2pcs, UV lamp 1 pc, Base stand Remote control, Foot switch, Drain valve, Waterproof Socket 2 pcs		
Optional Accessory	Water and Gas tap, Electric Height adjustable base stand, Armrest		
Noise	≤65dB		
Internal Size (WxDxH)	940x600x660 mm	1150x600x660 mm	1350x600x660 mm
External Size (WxDxH)	1100x755x2200 mm	1300x755x2200 mm	1500x755x2220 mm
Package Size (WxDxH)	1230x1060x1840 mm	1430x1060x1840 mm	1630x1060x1840 mm
Gross Weight	220 kg	280 kg	316 kg
Consumption	600W	800W	1300 W
Power Supply	AC220V 50/60Hz ; 110 60Hz		

Model	BCBS-204	BCBS-205
Type	Class II, Type A2	
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 μm, filter life indicator	
Inflow Velocity	0.53±0.025 m/s	
Down Flow Velocity	0.33±0.025 m/s	
UV Lamp	40Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination	
LED Lamp	16Wx2	12Wx4
Illumination	≥1000 lux	
Waterproof Socket	Two, total load of sockets: 500W	
Work Surface Height	750 mm (Size can be customized according to requirements)	
Tested Opening	Safety height 200 mm (8")	
Max Opening	440 mm	
Front Window	Motorized, two layer laminated toughened glass ≥ 6 mm, Anti UV	
Airflow System	70% air recirculation, 30% air exhaust	
Control System	Microprocessor	
Caster	Footmaster Caster	
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.	
Work Zone Material	304 Stainless steel	
Main Body Material	Cold roller steel with anti bacteria powder coating	
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure	
Standard Accessory	LED lamp 2pcs, UV lamp 1 pc, Base stand Remote control, Foot switch, Drain valve, Waterproof Socket 2 pcs	
Optional Accessory	Water and Gas tap, Electric Height adjustable base stand, Armrest	
Noise	≤65dB	
Internal Size (WxDxH)	1625x600x660 mm	1800x600x660 mm
External Size (WxDxH)	1880x755x2200 mm	1950x800x2170 mm
Package Size (WxDxH)	1930x1610x1840 mm	2080x1060x1840 mm
Gross Weight	366 kg	420 kg
Consumption	1300 W	1700 W
Power Supply	AC220V 50/60Hz ; 110 60Hz	

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		

BCBS-201   BCBS-202   BCBS-203   BCBS-204

BCBS-205

400 BIOLOGICAL SAFETY CABINET CLASS II

Time reserve function

Stainless Steel 304 table for operation

Digital VFD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

Two-layered marinated toughened glass (≥5mm) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Remote control operation including front sash movement and fan speed control

Motored front window with timer function

Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Foot switch to adjust the height of the front window

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow

SPECIFICATIONS

Model	BCBS-402	BCBS-404	BCBS-401	BCBS-403
Type	Class II, Type B2			
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 µm, filter life indicator			
Inflow Velocity	0.53±0.025 m/s			
Down Flow Velocity	0.33±0.025 m/s			
UV Lamp	30Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination	40Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination	30Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination	
LED Lamp	14Wx2	16Wx2	12Wx2	
Illumination	≥1000 lux			
Waterproof Socket	Two, total load of sockets: 500W			
Work Surface Height	750 mm (Size can be customized according to requirements)			
Tested Opening	Safety height 200 mm (8")			
Max Opening	440 mm			
Front Window	Motorized, two layer laminated toughened glass ≥ 6 mm, Anti UV			
Airflow System	0% air recirculation, 100% air exhaust			
Control System	Microprocessor			
Caster	Footmaster Caster			
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.			
Work Zone Material	304 Stainless steel			
Main Body Material	Cold roller steel with anti bacteria powder coating			
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure			
Standard Accessory	LED lamp 2pcs, UV lamp 1 pc, Base stand Remote control, Foot switch, Drain valve, Waterproof Socket 2 pcs, Exhaust blower, Exhaust duct			
Optional Accessory	Water and Gas tap, Electric Height adjustable base stand, Armrest			
Noise	≤65dB			

Internal Size (WxDxH)	1150x600x660 mm	1625x600x660 mm	940x600x660 mm
External Size (WxDxH)	1300x755x2250 mm	1880x755x2250 mm	1100x755x2250 mm
Package Size (WxDxH)	1430x1060x1840 mm 930x860x740 mm	1930x1060x1840 mm 930x860x740 mm	1230x1060x1840 mm (main body) 930x800x700 mm (Exhaust blower)
Gross Weight	282 kg ; 64 kg	408 kg 64 kg	243 kg ; 52 kg
Consumption	1300 W		
Power Supply	AC220V 50/60Hz ; 110 60Hz		

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		

BCBS-402   BCBS-404   BCBS-401   BCBS-403

300 BIOLOGICAL SAFETY CABINET CLASS II

Stainless Steel 304 table for operation

Digital LCD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

Motored front window with timer function

Two-layered marinated toughened glass (≥5mm) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Remote control operation including front sash movement and fan speed control

Foot switch to adjust the height of the front window

Centrifugal fan speed adjustable: H14 HEPA filter

Collecting tank (4000 ml) collects spatters of working area without any leakage

Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing

Air drawn into the cabinet through air grill

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow

SPECIFICATIONS

Model	BCBS-304	BCBS-306
Type	Class II, Type A2	
Filter	HEPA Filter - Two, 99.995% efficiency at 0.3μm, filter life indicator Filter Guard Type - Aluminum alloy frame , glass filter paper	HEPA Filter Effeiciency - 99.999% efficiency at 0.3 μm. Filter life Indicator HEPA Filter - 2 Filter Guard Type - Aluminum alloy frame , glass filter paper
Tested Opening	Safety height 200mm (8")	200 mm
Work Surface Height	750 mm	
Max Opening	520 mm (21")	550 mm
Airflow System	Air Flow Volume:348 m3 / h (205cfm) 35%: 348 m3/h (205cfm) Inflow Downflow Exhaust: 65%: 649 m3/h (382 cfm)	-
Front Window	Manual, Laminated toughened glass, Anti UV	Motorized. Two layer laminated toughened glass≥5 mm, Anti UV
Work Zone Material	304 Stainless steel Frame and decorative plate	-
Main Body Material	Cold roller steel with anti bacteria powder coating	Chamber Material - Cold-rolled steel coated with anti-bacteria powder coating
UV Lamp	20W 30W Germicidal UV lamp, Emission of 253.7nanometers for most efficient decontamination, UV timer, UV life indicator	40Wx1
LED Lamp	10W x2	-
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm	-
Motor	One ECM motor, 230V acceptable, Speed adjustable, high efficiency and low power consumption	-
Waterproof Socket	Two, Total consumption: ≤500W	Two, Total load of two sockets: 500W
Noise	EN 12469≤58 dB	NSF 49≤61 dB/EN 12469≤58 dB

Standard Accessory	LED lamp 2pcs, UV lamp 1 pc, Base stand SS water tap x1, SS gas tap x1, Drain valve, Waterproof sockets x2, Stainless steel I.V. bar with 10 hooks, Ground Resistant - ≤0.10Ω	Water tapx1, Gas tapx1
Optional Accessory	Armrest, Airflow tester, formalin fumigation sterilizer, infrared sterilizer, remote control, Electric height adjustable base stand , Motorozied front window	-
Illumination	>1000 lux	≥1000 lux
Display	LCD Display	-
Internal Size (WxDxH)	910x600x660 mm	1700x600x660 mm
External Size (WxDxH)	1087x775x2265 mm	1873x775x2295 mm
Package Size (WxDxH)	1250x1080x1840 mm	2020x1080x1900 mm
Consumption	<550W	500 W Ground Resistance:≤0.10Ω
Gross Weight	270 kg	363 kg
Power Supply	AC 230V, 50Hz	AC220V/110V, 50Hz/60HZ, 9A, BTU/Hr: 1689
Airflow Volume (Inflow)	-	649 m3 / h (382cfm)
Airflow Volume (Down flow)	-	64%: 1190 m3 / h (700 cfm)
Exhaust	-	Airflow Volume Exhaust: 36%: 669 m3/h (394 cfm)
Minimum Face Velocity	-	75 linear feet per minute (lfpm)
Inflow Velocity	-	0.53±0.025m/s
Down Flow Velocity	-	0.35±0.025m/s
Caster	-	None

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		

300 BIOLOGICAL SAFETY CABINET CLASS II

SPECIFICATIONS

Model	BCBS-305	BCBS-308	BCBS-309
Filter	HEPA Filter - Two, 99.995% efficiency at 0.3 μm, filter life Indicator	ULPA filter, efficiency > 99.9995% for particle size at 0.12 pm	
Air Flow Volume	462m/h (272cfm)	-	-
Inflow Downflow Exhaust	65%: 863m/h (507cfm) 35%: 462m/h (272cfm)	-	-
Max Opening	550 mm (22")	440mm (17")	
Work Surface Height	750 mm	-	-
Tested Opening	Safety height 200mm (8")	Safety Height 200mm (8n)	
Front Window	Manual laminated toughened glass , Anti UV	Motorized, two-layer laminated toughened glassN6mm, anti-UV	
Filter Guard Type	Aluminum alloy frame	-	-
UV Lamp	30W Germicidal UV lamp, Emission of 253.7nanometers for most efficient decontamination, UV timer, UV life indicator	20W x1 Emission of 253.7 nanometers for most efficient decontamination UV life indicator, UV timer	40W x1 Emission of 253.7 nanometers for most efficient decontamination UV life indicator, UV timer
LED Lamp	18Wx2	12W x2	16W x2
Illumination	≥1000 lux	≥1000 Lux	
Display	LCD Display	LCD display	
Noise	EN 12469<65dB	≤67dB	
Waterproof Socket	Two, total Consumption <500W	Two, Total load of two sockets: ≤500W	
Ground Resistant	<0.10Ω	-	-
Material	Working area: 304 Stainless steel Frame and decorative plate Cold roller steel with anti bacteria powder coating	-	-
Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm	-	-
AC Motor	One ECM motor, 230V acceptable, Speed adjustable, high efficiency and low power consumption	-	-
Standard Accessory	LED lamp*2, UV lamp*1, Base stand, SS water tap*1, SS gas tap*1, Drain valve, Waterproof sockets*2, Stainless steel I.V. bar with 10 hooks	Base Stand, Drain Valve, Waterproof sockets x2, Remote control, LED lamp x2, UV lamp x1, Water tap - Water Tap x1, Gas tap - Gas tap x1	

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Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Remote control, Electric height adjustable base stand, Motorized front windows	Armrest, Formalin fumigation sterilizer, Infrared sterilizer, Airflow tester	
Internal Size (WxDxH)	1210x660x660 mm	910x600x630 mm	1700x600x630 mm
External Size (WxDxH)	1383x775x2295 mm	1087x760x2100 mm	1877x760x2100 mm
Package Size (WxDxH)	1540x1080x1900 mm	1240x910x2280 mm	2050x910x2260 mm
Gross Weight	340 kg	320 kg	430 kg
Consumption	<650W	700 W	
Power Supply	AC230 V, 50 Hz	AC220V±10%, 50/60HZ; 110V±10%, 60Hz	
Type	-	Cytotoxic Safety Cabinet	
Inflow Velocity	-	0.53±0.025m/s	
Down Flow Velocity	-	0.33±0.025m/s	
Airflow Volume (Exhaust)	-	347m³/h	648m³/h
Exhaust	-	Exhaust Filter : ULPA filter: first exhaust filter :0.12pm efficiency 99.9995%; HEPA filter: secondary exhaust filter :0.3pm efficiency 99.995%	
Work Zone Material	-	304 stainless steel	
Main Body Material	-	cold-rolled steel with anti-bacteria powder coating	
Caster	-	Footmaster Caster	
Humidity and Temperature	-	Humidity and temperature can be displayed on the control panel	
Control System	-	Microprocessor	
Visual and audio alarm	-	Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm	

BCBS-305

BCBS-308

BCBS-309

BCBS-307 BIOLOGICAL SAFETY CABINET CLASS II

Stainless Steel 304 table for operation

Digital LCD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

Motored front window with timer function

Two-layered marinated toughened glass (≥5mm) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Remote control operation including front sash movement and fan speed control

Foot switch to adjust the height of the front window

Centrifugal fan speed adjustable: H14 HEPA filter

Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing

Air drawn into the cabinet through air grill

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow

SPECIFICATIONS

Model	BCBS-307
Type	Class II, Type A2
Filter	ULPA Filter, efficiency > 99.9995% for particle size at 0.12 µm
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
Exhaust	Exhaust Filter: ULPA Filter: First exhaust filter:0.12µm efficiency 99.9995%. HEPA Filter: Secondary exhaust filter:0.3µm efficiency 99.9995%. Exhaust Volume: 465m3/h
Tested Opening	Safety height 200 mm (8")
Max Opening	440 mm (17")
UV Lamp	30Wx1 Emission of 253.7 nanometers for most efficient decontamination UV life indicator, UV timer
LED Lamp	16Wx2
Illumination	≥1000 lux
Display	LCD Display
Control System	Microprocessor
Humidity and Temperature	Humidity and Temperature can be displayed on the control panel
Work Zone Material	304 Stainless steel
Main Body Material	Cold roller steel with anti bacteria powder coating
Front Window	Motorized, two layer laminated toughened glass ≥ 6 mm, Anti UV
Caster	Footmaster Caster
Visual and Audio Alarm	Abnormal airflow velocity; filter replacement; front window at unsafe height; High filter pressure alarm
Noise	≤67dB
Waterproof Socket	Two, total load of sockets: <500W
Standard Accessory	Base Stand, Drain Valve, Waterproof sockets x2, Remote control, LED lamp x2, UV lamp x1, Water tap x1, Gas tap x1
Optional Accessory	Armrest, Formailn fumigation sterilizer, Infrared sterilizer, Airflow tester
Internal Size (WxDxH)	1220x600x630 mm
External Size (WxDxH)	1380x760x2100 mm

Package Size (WxDxH)	1540x910x2280 mm
Gross Weight	371 kg
Consumption	900W
Power Supply	AC220V+10% 50/60Hz ; 110V+, 60Hz

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		

BCBS-1201 BIOLOGICAL SAFETY CABINET CLASS II

Small dimension, save space

Centrifugal fan, speed adjustable; H14 HEPA filter

Motorized front window: The front window is motorized for convenient, one-hand operation

Audio and visual alarm:Abnormal airflow velocity,Filter replacement,Front window at unsafe height,High filter pressure alarm

Self-locking button switch to solve the trouble of losing the key

Removable handle design, easy to move

7 inch Large touch screen with Intelligent control system: 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.

With memory function in case of power-failure

Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window

SPECIFICATIONS

Model	BCBS-1201
Type	Class II, Type A2

Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	HEPA Filter - Two, 99.995% efficiency at 0.3μm. Filter life indicator
Max Opening	370 mm(15")
Tested Opening	Safety height 200mm(8")
Airflow System	70% air recirculation, 30% air exhaust
Control System	Microprocessor
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with optional base stand
Front Window	Motorized. Single Layer toughened glass≥5mm. Anti UV.
Waterproof Socket	Two, total load of two sockets: 500W
Display	7 inch large touch screen
Noise	≤ 67dB
UV Lamp	15W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	LED Lamp, 8W x2
Illumination	≥1000Lux
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity;High filter pressure alarm.
Standard Accessory	LED lamp, UV lamp x2, Remote control, Waterproof sockets x2, base stand, handle x4 .universal caster with brake and leveling feet
Optional Accessory	SS Water tap x1, SS Gas tap x1
External Size (WxDxH)	700x650x1230 mm
Internal Size (WxDxH)	600x500x540mm
Package Size (WxDxH)	Carton: 730x787x1450mm Wood: 860x780x1420mm (without base stand) Carton: 850x787x1450mm Wood: 860x970x1420mm (with base stand)
Gross Weight	Carton: 120kg Wood: 140kg (without base stand) Carton: 140kg Wood: 160kg (with base stand)
Consumption	500 W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz

1200 BIOLOGICAL SAFETY CABINET CLASS II

The operation perspective is wide and more humanized

Time reserve function

ULPA filter life and UV life indicator

Motorized front window

With memory function in case of power-failure

Audio and visual alarm (Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm).

Self-locking button switch to solve the trouble of losing the key

7 inch Large touch screen with Intelligent control system: 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

Remote control: all functions can be realized with it, making the operation much easier and more convenient

Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window

Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement

SPECIFICATIONS

Model	BCBS-1202	BCBS-1203	BCBS-1204
Type	Class II, Type A2		
Inflow Velocity	0.53±0.025 m/s		
Down Flow Velocity	0.33±0.025 m/s		
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12μm. Filter life indicator.		
Max Opening	420 mm(17")	500 mm (20")	520 mm(21")
Tested Opening	Safety Height 200mm (8")		
Airflow System	70% air recirculation, 30% air exhaust		
Control System	Microprocessor		
Work Zone Material	304 stainless steel		
Main Body Material	Cold-rolled steel with anti-bacteria powder coating		
Work Surface Height	750mm (Size can be customized according to requirements)		
Front Window	Motorized. Two-layer laminated toughened glass ≥ 6mm. Anti UV.		
Caster	Footmaster caster		
Display	7 inch touch scren 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.		
Noise	≤ 67dB		
UV Lamp	30W x1, UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.		40W x1, UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
LED Lamp	LED lamp, 12W x2		LED lamp, 16W x2
Illumination	≥1000Lux		
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm.		
Waterproof Socket	Two, total load of two sockets: 500W		
Standard Accessory	LED lamp, UV lamp x2,Base stand,Remote control, Foot switch, Drain valve,Waterproof sockets x2		
Optional Accessory	Water and gas tap,Electric height adjustable base stand,Armrest,chair		
External Size (WxDxH)	1100x750x2210 mm	1383x750x2295 mm	1873x780x2310 mm
Internal Size (WxDxH)	940x600x660 mm	1210x600x660 mm	1700x600x660 mm
Package Size (WxDxH)	1250x990x1770 mm	1540x1080x1910 mm	2000x1075x1910 mm
Gross Weight	265 kg	340 kg	430 kg
Consumption	600 W	1300 W	
Power Supply	AC220V±10%,50/60Hz;110V±10%,60Hz		

BCBS-1202

BCBS-1203

BCBS-1204

BCBS-1205 BIOLOGICAL SAFETY CABINET CLASS II

Color key display: large screen, more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing.

Automatically adjust the wind speed

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 adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product

The front window glass has a one-key lift function

The one-piece hand resting surface has a larger contact area with the arm and is more comfortable

SPECIFICATIONS

Model	BCBS-1205
Type	Class II, Type A2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	350 mm
Tested Opening	Safety height 200 mm
Work Surface Height	750 mm with base stand
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria power coating
UV Lamp	15W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W x2
Illumination	≥1000 Lux
Waterproof Socket	Two, total load of two sockets: 500 W
Control System	70% air recirculation,30% air exhaust
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.
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity;High filter pressure alarm, abnormal power failure
Front Window	Motorized. Single Layer toughened glass 5mm.Anti UV.
Noise	≤65 dB
Standard Accessory	Cabinet x1, Base stand x1,LED Lamp x2,UV lamp x1,Remote control,Drain valve x1,Waterproof Socket x2,
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest
External Size (WxDxH)	700x650x1920 mm

Internal Size (WxDxH)	600x500x540 mm
Package Size (WxDxH)	800x880x1500 mm
Gross Weight	165kg
Consumption	≤500 W
Power Supply	AC220V 50/60Hz;110V 60Hz

BCBS-601 BIOLOGICAL SAFETY CABINET CLASS II

7-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function

SPECIFICATIONS

Model	BCBS-601
Type	Class II, Type A2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	350 mm
Tested Opening	Safety height 200 mm
Work Surface Height	750mm with base stand
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
UV Lamp	15W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	8W x2
Illumination	≥1000 Lux
Waterproof Socket	Two, total load of two sockets: 500 W

Control System	70% air recirculation, 30% air exhaust
Display	LCD display
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity; High filter pressure alarm
Front Window	Two-layer laminated toughened glass≥5mm. Anti UV.
Noise	≤65 dB
Standard Accessory	Cabinet x1, Base stand x1, LED lamp x2, UV lamp x1, Drain ball valve x1, European Standard Socket x2
Optional Accessory	Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, S.S. water tap, S.S. gas tap
External Size (WxDxH)	700x700x2000 mm
Internal Size (WxDxH)	600x500x540 mm
Package Size (WxDxH)	880x910x1520 mm
Gross Weight	170kg
Consumption	≤500 W
Power Supply	AC220V 50/60Hz; 110V 60Hz

BCBS-602 BIOLOGICAL SAFETY CABINET CLASS II

8-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function

SPECIFICATIONS

Model	BCBS-602
Type	Class II, Type A2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm

Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	305 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
UV Lamp	30 W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	12W x2
Illumination	≥1000 Lux
Caster	Footmaster caster
Airflow System	70% air recirculation, 30% air exhaust
Control System	Microprocessor
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.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
Front Window	Manual and electric. Tempered glass≥5mm.Anti UV
Noise	≤65 dB
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1100x800x2200 mm
Internal Size (WxDxH)	940*600*660mm
Package Size (WxDxH)	1230x1060x1840 mm
Gross Weight	258 kg
Consumption	1300 W
Power Supply	AC220V 50/60Hz; 110V 60Hz

BCBS-603 BIOLOGICAL SAFETY CABINET CLASS II

9-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function

SPECIFICATIONS

Model	BCBS-603
Type	Class II, Type A2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	306 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
UV Lamp	30 W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	14W x2
Illumination	≥1000 Lux
Caster	Footmaster caster
Airflow System	70% air recirculation, 30% air exhaust
Control System	Microprocessor
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.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
Front Window	Manual and electric. Tempered glass≥5mm.Anti UV
Noise	≤65 dB
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1300x800x2200 mm
Internal Size (WxDxH)	1150x600x660 mm
Package Size (WxDxH)	1430x1060x1840 mm
Gross Weight	291 kg
Consumption	1300 W
Power Supply	AC220V 50/60Hz; 110V 60Hz

BCBS-604 BIOLOGICAL SAFETY CABINET CLASS II

10-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function

Working area cleanliness level reached ISO14644.1 standard Class 3

SPECIFICATIONS

Model	BCBS-604
Type	Class II, Type A2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	307 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
UV Lamp	40 W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	16W x2
Illumination	≥1000 Lux
Caster	Footmaster caster
Airflow System	70% air recirculation, 30% air exhaust
Control System	Microprocessor
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.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm

Front Window	Manual and electric. Tempered glass≥5mm.Anti UV
Noise	≤65 dB
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1500x800x2200 mm
Internal Size (WxDxH)	1350x600x660 mm
Package Size (WxDxH)	1630x1060x1840 mm
Gross Weight	333 kg
Consumption	1400 W
Power Supply	AC220V 50/60Hz; 110V 60Hz

BCBS-605 BIOLOGICAL SAFETY CABINET CLASS II

11-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function

SPECIFICATIONS

Model	BCBS-605
Type	Class II, Type A2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	308 stainless steel

Main Body Material	Cold-rolled steel with anti-bacteria powder coating
UV Lamp	40 W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	16W x2
Illumination	≥1000 Lux
Caster	Footmaster caster
Airflow System	70% air recirculation, 30% air exhaust
Control System	Microprocessor
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.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
Front Window	Manual and electric. Tempered glass≥5mm.Anti UV
Noise	≤65 dB
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1800x800x2200 mm
Internal Size (WxDxH)	1625x600x660 mm
Package Size (WxDxH)	1730x1060x1840 mm
Gross Weight	408 kg
Consumption	1500 W
Power Supply	AC220V 50/60Hz; 110V 60Hz

700 BIOLOGICAL SAFETY CABINET CLASS II

Motorized front window

Large LCD display, all information displayed

Automatic air speed adjustable with filter block

With memory function in case of power-failure

Side & back wall is made up of single piece stainless steel

Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window

Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area

SPECIFICATIONS

Model	BCBS-701	BCBS-702	BCBS-703
Type	NSF Certified Class II, Type A2		
Airflow Volume (Inflow)	441m3/h (259cfm)	587m3/h (346cfm)	824m3/h (485cfm)
Airflow Volume (Down flow)	60%:649m3/h (382cfm)	60%:863m3/h (507cfm)	60%:1212m3/h (713cfm)
Airflow Volume (Exhaust)	40%:445m3/h (259cfm)	40%:587m3/h (346cfm)	40%:824m3/h (485cfm)
Filter	HEPA Filter - Two, 99.995% efficiency at 0.3µm, filter life indicator Filter Guard Type - Aluminum alloy frame , glass filter paper		
Max Opening	520 mm (20.5")	550 mm (22")	
Tested Opening	Safety height 254mm (10")		
Work Surface Height	750 mm with optional base stand		

Work Zone Material	304 stainless steel		
Main Body Material	cold-rolled steel with anti-bacteria power coating		
UV Lamp	20 W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	30 W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	40 W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
LED Lamp	10W x2 LED lamp	18W x2 LED lamp	22W x2 LED lamp
Waterproof Socket	2, Total consumption:≤500W		
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV		
Visual and Audio Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.		
Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption		
Noise	NSF 49≤67 dB/EN 12469≤65 dB		
Standard Accessory	Illuminating lamp, UV lamp x2, Base stand, SS water x1 & gas tap x1, 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		
External Size (WxDxH)	1087x775x2265 mm	1383x775x2295 mm	1873x775x229 mm
Internal Size (WxDxH)	910x600x660 mm	1210x600x660 mm	1700x600x660 mm
Package Size (WxDxH)	1240x1060x1900 mm	1540x1080x1900 mm	2020x1080x1900 mm
Gross Weight	270 kg	340 kg	370 kg
Consumption	400 W	500 W	700 W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689		

BCBS-701

BCBS-702

BCBS-703

800 BIOLOGICAL SAFETY CABINET CLASS II

Time reserve function

Motorized front window

HEPA filter life and UV life indicator

Automatic air speed adjustable with filter block

With memory function in case of power-failure

Work area surrounded by negative pressure, it can ensure maximum safety in work area

Most accessories are standard, which saves your money. There is no need to pay more

Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc)

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

Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window

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

SPECIFICATIONS

Model	BCBS-801	BCBS-802	BCBS-803
Type	Class II, Type B2		
Inflow Velocity	0.53±0.025 m/s		
Down Flow Velocity	0.33±0.025 m/s		
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 µm,filter life indicator.		
Max Opening	420mm (17")	500mm (20")	480mm (20")
Tested Opening	Safety Height 200 mm (8")		
Work Surface Height	750 mm		
Work Zone Material	304 stainless steel		
Main Body Material	Cold-rolled steel with anti-bacteria powder coating		
Airflow System	0% air recirculation, 100% air exhaust		
Control System	Microprocessor		
Caster	Foot master caster		
Exhaust	Exhaust Duct: 4 meters PVC duct, Diameter:300mm		
Front Window	Motorized,two-layer laminated toughened glass ≥ 6mm,anti UV		
Waterproof Socket	Two, total load of two sockets: 500 W		
UV Lamp	30W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.	40W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.	
LED Lamp	LED Lamp,12W x2	LED Lamp,16W x2	
Illumination	≥1000 Lux		
Visual and Audio Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.		
Display	7 inch touch screen display: exhaust filter and downflow filter pressure, filter and UV lamp working time,inflow and downflow velocity, filter life, humidity and temperature, system working time etc.		
Noise	≤ 67 dB		
Standard Accessory	Illuminating lamp, UV lamp x2,base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets x2, pipe strap x2		
Optional Accessory	Water and gas tap, Electric height adjustable base stand		
External Size (WxDxH)	1100x750x2255 mm	1500x770x2290 mm	1873x795x2280 mm
Internal Size (WxDxH)	940x600x660 mm	1350x60x600 mm	1700x660x660 mm
Package Size (WxDxH)	1250x990x1770 mm Main Body 930x800x690 mm Exhaust Blower (WxDxH)	1650x990x1820 mm Main Body 930x800x710 mm Exhaust Blower (WxDxH)	2000x1075x1910 mm Main Body 920x710x680 mm Exhaust Blower (WxDxH)
Gross Weight	265kg;50kg	325kg;56kg	420kg;60kg
Consumption	800 W	1300 W	1400 W
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz		AC 220V±10%, 50/60Hz

BCBS-801

BCBS-802

BCBS-803

BCBS-901 BIOLOGICAL SAFETY CABINET CLASS II

7-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

The power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

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 working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically at the same time, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product

The front window glass has a one-key lift function

The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly

SPECIFICATIONS

Model	BCBS-901
Type	Class II, Type B2
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12µm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Airflow System	0% air recirculation,100% air exhaust
Control System	Microprocessor
Caster	Foot master caster
UV Lamp	30W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	12W x2
Illumination	≥1000Lux
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow velocity, filter life, humidity and temperature, system working time etc.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm

Noise	≤65 dB
Standard Accessory	LED lamp 2 pcs, UV lamp 1 pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2 pcs, Exhaust blower, Exhaust duct
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1100x800x2250 mm
Internal Size (WxDxH)	940x600x660 mm
Package Size (WxDxH)	1230x1060x1840 mm (Main Body) 930x800x700 mm (Exhaust Blower)
Gross Weight	259kg;52kg
Consumption	1800 W
Power Supply	AC220V 50/60Hz; 110V 60HZ

BCBS-902 BIOLOGICAL SAFETY CABINET CLASS II

8-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

The power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

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 working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically at the same time, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product

The front window glass has a one-key lift function

The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly

SPECIFICATIONS

Model	BCBS-902
Type	Class II, Type B2
Inflow Velocity	1.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)

Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Airflow System	0% air recirculation,100% air exhaust
Control System	Microprocessor
Caster	Foot master caster
UV Lamp	30W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	14W x2
Illumination	≥1000Lux
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow velocity, filter life, humidity and temperature, system working time etc.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
Noise	≤65 dB
Standard Accessory	LED lamp 2 pcs, UV lamp 1 pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2 pcs, Exhaust blower, Exhaust duct
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1300x800x2250 mm
Internal Size (WxDxH)	1150x600x660 mm
Package Size (WxDxH)	1430x1060x1840mm (Main Body) 930x860x740mm (Exhaust Blower)
Gross Weight	291kg;64kg
Consumption	1800 W
Power Supply	AC220V 50/60Hz; 110V 60HZ

BCBS-903 BIOLOGICAL SAFETY CABINET CLASS II

9-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

The power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

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 working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically at the same time, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product

The front window glass has a one-key lift function

The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly

SPECIFICATIONS

Model	BCBS-903
Type	Class II, Type B2
Inflow Velocity	2.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Airflow System	0% air recirculation,100% air exhaust
Control System	Microprocessor
Caster	Foot master caster
UV Lamp	40W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	16W x2
Illumination	≥1000Lux
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow velocity, filter life, humidity and temperature, system working time etc.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
Noise	≤65 dB
Standard Accessory	LED lamp 2 pcs, UV lamp 1 pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2 pcs, Exhaust blower, Exhaust duct
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1500x800x2250 mm
Internal Size (WxDxH)	1350x600x660 mm
Package Size (WxDxH)	1630x1060x1840 mm (Main Body) 930x860x740 mm (Exhaust Blower)
Gross Weight	310kg;64kg
Consumption	1800 W
Power Supply	AC220V 50/60Hz; 110V 60HZ

BCBS-904 BIOLOGICAL SAFETY CABINET CLASS II

10-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

The power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

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 working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically at the same time, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent 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 negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product

The front window glass has a one-key lift function

The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly

SPECIFICATIONS

Model	BCBS-904
Type	Class II, Type B2
Inflow Velocity	3.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at0.12μm,filter life indicator
Max Opening	440 mm
Tested Opening	Safety height 200mm (8")
Work Surface Height	750mm (Size can be customized according to the requirements)
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Airflow System	0% air recirculation,100% air exhaust
Control System	Microprocessor
Caster	Foot master caster
UV Lamp	40W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	16W x2
Illumination	≥1000Lux
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow velocity, filter life, humidity and temperature, system working time etc.
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm

Noise	≤65 dB
Standard Accessory	LED lamp 2 pcs, UV lamp 1 pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2 pcs, Exhaust blower, Exhaust duct
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf
External Size (WxDxH)	1800x800x2250 mm
Internal Size (WxDxH)	1625x600x660 mm
Package Size (WxDxH)	1730x1060x1840 mm (Main Body) 930x860x740 mm (Exhaust Blower)
Gross Weight	383kg;64kg
Consumption	1800 W
Power Supply	AC220V 50/60Hz; 110V 60HZ

BCBS-1101 BIOLOGICAL SAFETY CABINET CLASS II

7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt

The power-on password can be set to prevent mis-operation by irrelevant personnel

Automatically adjust the wind speed

Power-off memory, restore the state before power-off, and have a visual reminder to alarm

Side windows on both sides for easy observation

The operation area is integrally formed, which is easy to disassemble and clean

A breeze speed sensor is equipped at the working area and the outer exhaust air outlet to detect the wind speed in real time

It can be used both manually and electrically, and the glass door can be pulled down to close the front window when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window

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

The closing of the front window can double trigger the signal, so that the sterilization and disinfection function of the UV lamp can be turned on normally

The cabinet is designed with a 10° inclination angle, which conforms to the principle of ergonomics, has a larger viewing angle, is easy to operate and is more user-friendly

Anti-paper dust structure at the air inlet to prevent paper dust from entering the air cavity

Split countertop is easier to clean

SPECIFICATIONS

Model	BCBS-1101
Type	EN Certified Biological Safety Cabinet class II Type A2
Airflow Volume (Inflow)	370m³/h (218cfm)
Airflow Volume (Down flow)	65%: 690 m³/h (406cfm)
Airflow Volume (Exhaust)	35%: 370m³/h (218cfm)
Filter	ULPA Filter - 2 pcs, filtration efficiency for 0.12um particles≥99.9995%
Max Opening	500 mm
Tested Opening	200 mm

Work Surface Height	750 mm
Work Zone Material	304 stainless steel, side window glass
Main Body Material	cold-rolled steel with anti-bacteria powder coating
Front Window	Manual and electric, glass thickness> 5mm, anti-ultraviolet
UV Lamp	20 W
LED Lamp	12Wx 2
Illumination	≥1000 Lux
Display	Color Touch Screen
Visual and audio 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
Noise	EN12469≤65dB
Standard Accessory	Cabinet x1, Base stand x1, LED lamp x2, UV lamp x1, S.S. water tap x1, S.S. gas tap x1, Drain ball valve x1, European Standard Socket 230V, 3A x2
Optional Accessory	Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand
External Size (WxDxH)	1087x800x2260 mm
Internal Size (WxDxH)	980x600x650 mm
Package Size (WxDxH)	1240x1060x1880 mm
Gross Weight	270 kg
Consumption	1100 W
Power Supply	AC 230V, 50Hz

BCBS-1102 BIOLOGICAL SAFETY CABINET CLASS II

7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt

The power-on password can be set to prevent mis-operation by irrelevant personnel

Automatically adjust the wind speed

Power-off memory, restore the state before power-off, and have a visual reminder to alarm

Side windows on both sides for easy observation

The operation area is integrally formed, which is easy to disassemble and clean

A breeze speed sensor is equipped at the working area and the outer exhaust air outlet to detect the wind speed in real time

It can be used both manually and electrically, and the glass door can be pulled down to close the front window when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window

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

The closing of the front window can double trigger the signal, so that the sterilization and disinfection function of the UV lamp can be turned on normally

The cabinet is designed with a 10° inclination angle, which conforms to the principle of ergonomics, has a larger viewing angle, is easy to operate and is more user-friendly

Anti-paper dust structure at the air inlet to prevent paper dust from entering the air cavity

Split countertop is easier to clean

Working area cleanliness level reached ISO14644.1 standard Class 4

SPECIFICATIONS

Model	BCBS-1102
Type	EN Certified Biological Safety Cabinet class II Type A2
Airflow Volume (Inflow)	490m³/h (289cfm)
Airflow Volume (Down flow)	65%: 910 m³/h (536cfm)
Airflow Volume (Exhaust)	35%: 490m³/h (289cfm)
Filter	ULPA Filter - 2 pcs, filtration efficiency for 0.12um particles≥99.9995%
Max Opening	500 mm
Tested Opening	200 mm
Work Surface Height	750 mm
Work Zone Material	304 stainless steel, side window glass
Main Body Material	cold-rolled steel with anti-bacteria powder coating
Front Window	Manual and electric, glass thickness> 5mm, anti-ultraviolet
UV Lamp	30 W
LED Lamp	14Wx 2
Illumination	≥1000 Lux
Display	Color Touch Screen
Visual and audio 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
Noise	EN12469≤65dB
Standard Accessory	Cabinet x1, Base stand x1, LED lamp x2, UV lamp x1, S.S. water tap x1, S.S. gas tap x1, Drain ball valve x1, European Standard Socket 230V, 3A x2
Optional Accessory	Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand
External Size (WxDxH)	1383x800x2260 mm
Internal Size (WxDxH)	1280x600x650 mm
Package Size (WxDxH)	1530x1060x1880 mm
Gross Weight	345 kg
Consumption	1200 W
Power Supply	AC 230V, 50Hz

BCBS-1103 BIOLOGICAL SAFETY CABINET CLASS II

7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt

The power-on password can be set to prevent mis-operation by irrelevant personnel

Automatically adjust the wind speed

Power-off memory, restore the state before power-off, and have a visual reminder to alarm

Side windows on both sides for easy observation

The operation area is integrally formed, which is easy to disassemble and clean

A breeze speed sensor is equipped at the working area and the outer exhaust air outlet to detect the wind speed in real time

It can be used both manually and electrically, and the glass door can be pulled down to close the front window when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window

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

The closing of the front window can double trigger the signal, so that the sterilization and disinfection 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

Split countertop is easier to clean

One button front window lifting function

SPECIFICATIONS

Model	BCBS-1103
Type	EN Certified Biological Safety Cabinet class II Type A2
Airflow Volume (Inflow)	230m³/h (135cfm)
Airflow Volume (Down flow)	65%: 428 m³/h (252cfm)
Airflow Volume (Exhaust)	35%: 230m³/h (135cfm)
Filter	ULPA Filter - 2pcs, filtration efficiency for 0.12um particles ≥99.9995%
Tested Opening	200 mm
Max Opening	350 mm
Work Surface Height	750 mm
Work Zone Material	304 stainless steel, side window glass
Main Body Material	cold-rolled steel with anti-bacteria powder coating
Front Window	Manual and electric, glass thickness> 5mm, anti-ultraviolet
UV Lamp	15 W
LED Lamp	8Wx 2
Illumination	≥1000 Lux
Display	Color Touch Screen
Visual and audio 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
Noise	EN12469≤65dB

Standard Accessory	Cabinet x1, Base stand x1, LED lamp x2, UV lamp x1, S.S. water tap x1, S.S. gas tap x1, Drain ball valve x1, European Standard Socket 230V, 3A x2
Optional Accessory	Arm rest, Formalin fumigation sterilizer, Infrared sterilizer,S.S. water tap*2, S.S. gas tap*2
External Size (WxDxH)	700x700x2000 mm
Internal Size (WxDxH)	600x500x540 mm
Package Size (WxDxH)	850x880x1550 mm
Gross Weight	170 kg
Consumption	950 W
Power Supply	AC 230V, 50/60Hz