



## Class II A2 Biosafety Cabinet 11231BBC86



### LCD Display

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



### Work Zone

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



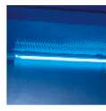
### Waterproof Socket

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



### Remote Control

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



### UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

## ADVANTAGE

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

## TECHNICAL PARAMETERS

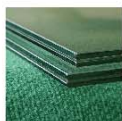
Model	11231BBC86
External Size(W*D*H)	700*650*1230 mm
Internal Size(W*D*H)	600*500*540 mm
Tested Opening	Safety Height ≤ 200 mm
Max Opening	400 mm
Inflow Velocity	0.53±0.025 m/s
Downflow Velocity	0.33±0.025 m/s
HEPA Filter	Two, 99.999% efficiency at 0.3 um. Filter life indicator.
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.
Noise	EN12469 ≤ 58 dB / NSF49 ≤ 61 dB
UV Lamp	18W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
Fluorescent Lamp	14W*1
Illumination	≥1000Lux
Consumption	500W
Socket	Two, total load of two sockets: 500W
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Control System	Microprocessor
Airflow System	70% air recirculation, 30% air exhaust
Visual and Audio alarm	Filter replacement, window over height, abnormal air flow velocity.
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating.
Work Surface Height	750mm
Power Supply	110/220V±10%, 60/50Hz
Standard Accessory	Fluorescent lamp, UV lamp*2, Remote control, Waterproof sockets*2
Optional Accessory	Base stand with caster, Universal caster with brake and leveling feet.
Gross Weight	110kg
Package Size(W*D*H)	950*850*1430mm



## Class II A2 Biological Safety Cabinet



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



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



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



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



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



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



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



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

## ADVANTAGE

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

## TECHNICAL PARAMETERS

Model	BSC-1100IIA2-X	BSC-1300IIA2-X	BSC-1500IIA2-X	BSC-1800IIA2-X	BSC-2000IIA2-X
Internal Size(W*D*H)	940*600*660mm	1100*600*660mm	1300*700*630mm	1710*600*660mm	1800*600*660mm
External Size(W*D*H)	1100*750*2250mm	1300*850*2200mm	1500*840*2280mm	1870*750*2290mm	1950*800*2305mm
Tested Opening	Safety Height ≤ 200 mm				
Max Opening	400 mm				
Inflow Velocity	0.53±0.025 m/s				
Downflow Velocity	0.33±0.025 m/s				
HEPA Filter	Two, 99.999% efficient at 0.3 um. Filter life indicator.				
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.				
Noise	EN12469 ≤ 58 dB / NSF49 ≤ 61 dB				
UV Lamp	18W*1	18W* 1	30W* 1	40W*1	40W* 1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.				
Fluorescent Lamp	21W*2	21W*2	28W*2	40W*2	40W*2
Illumination	≥1000Lux				
Consumption	760W	1060W	1300W	1350W	1700W
Waterproof Sockets	Two, total load of two sockets: 500W				
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.				
Control System	Microprocessor				
Airflow System	70% air recirculation, 30% air exhaust				
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity.				
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating.				
Work Surface Height	750mm				
Caster	Universal caster with brake and leveling feet.				
Power Supply	110/220V±10%, 60/50Hz				
Standard Accessory	Fluorescent lamp, UV lamp*2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2				
Optional Accessory	Water and gas tap				
Gross Weight	255kg	305kg	350kg	390kg	420kg
Package Size(W*D*H)	1250*1050*1870mm	1450*1050*1870mm	1640*1040*1860mm	2010*1050*1960mm	2090*1050*1860mm