



## CLASS II BIOSAFETY CABINET BCBS-301

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CLASS II A2 BIOLOGICAL SAFETY CABINET



1. Small dimension, save space.
2. Centrifugal fan, speed adjustable; H14 HEPA filter.
3. Motorized front window: The front window is motorized for convenient, one-hand operation.
4. Audio and visual alarm: Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm.
5. Time reserve function: This can save 30 minutes waiting time after activating the cabinet and the sterilization time after experiment.
6. Remote control: Each function can be realized 6 meters away from the cabinet by remote control, which can protect the operator under emergency.

## SPECIFICATIONS

Model	BCBS-301
External Size(W*D*H)	700*650*1230mm(without base stand)
Internal Size(W*D*H)	600*500*540mm
Tested Opening	Safety height 200mm(8")
Max Opening	370mm(15")
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
HEPA Filter	Two, 99.995% efficiency at 0.3µm. Filter life indicator
Front Window	Motorized. Single Layer toughened glass 5mm. Anti UV.
Noise	≤67dB
UV Lamp	18W*2UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W*2
Illumination	≥1000Lux
Consumption	700W
Socket	Two, total load of two sockets: 500W
Display	LCD display
Control System	Microprocessor
Airflow System	70% air recirculation, 30% air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity, High filter pressure alarm
Material	Work Zone: 304 stainless steelMain Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with optional base stand
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory	LED lamp*2, UV lamp*2, Remote control, Waterproof sockets*2, Base stand
Optional Accessory	SS Water tap*1, SS Gas tap*1, Base stand
Packing Size(without base stand)	Carton: 730*787*1450mmWood: 860*780*1420mm
Gross Weight(without base stand)	Carton: 120kgWood: 140kg
Package Size(with base stand)	Carton: 850*787*1450mmWood: 860*970*1420mm
Gross Weight(with base stand)	Carton: 140kgWood: 160kg
Alt Name	Class II A2 Biological Safety Cabinet



## FEATURES

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4. Audio and visual alarm: Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm.
5. Time reserve function: This can save 30 minutes waiting time after activating the cabinet and the sterilization time after experiment.
6. Remote control: Each function can be realized 6 meters away from the cabinet by remote control, which can protect the operator under emergency.
7. Large LCD display: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator etc.
8. With memory function in case of power-failure.
9. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.

Button Screen, Large LCD display is easy to monitor all the safety parameters at glance; and ergonomically sized control panel improve users interface.



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



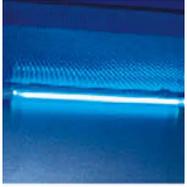
Waterproof Socket, 2 waterproof sockets Emission of 253.7 are located in the side nanometers for most panel, for optimum efficient convenience of using decontamination. small devices inside the cabinet.



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.



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