



Basic Series  
Class II A2  
Biological  
Safety Cabinet



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

ADVANTAGE

1. Small dimension, save space.
2. Centrifugal fan, speed adjustable; H14 HEPA filter.
3. Motorized front window: The front window is motorized for convenient, one-hand operation.
4. Audio and visual alarm: Abnormal airflow velocity, Filter replacement, Front window at unsafe height, 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.

TECHNICAL PARAMETERS

Model	11231 BBC 86
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	15W*2 UV 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 steel. Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750mm with optional base stand
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory	LED lamp*2, UV lamp*2, Remote control, Waterproof sockets*2, Base stand
Optional Accessory	SS Water tap*1, SS Gas tap*1
Packing Size (without base stand)	Carton: 730*787*1450mm Wood: 860*780*1420mm
Gross Weight (without base stand)	Carton: 120kg Wood: 140kg
Package Size(with base stand)	Carton: 850*787*1450mm Wood: 860*970*1420mm
Gross Weight (with base stand)	Carton: 140kg Wood: 160kg



**Work Zone**

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



**Remote Control**

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



**Waterproof Socket**

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



**UV Lamp**

Emission of 253.7 nanometers for most efficient decontamination.