

## HI-11231BBC86



Biological Safety Cabinet 11231BBC86  
Bio safety Cabinet, Class II A2

Three protection: operator, sample and environment.

Airflow system: 70% air recirculation, 30% air exhaust

A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.

### **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 down flow 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.



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.



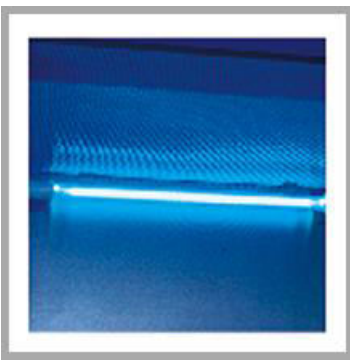
Work Zone, work zone is made of 304 stainless steel, is surrounded by negative pressure.



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.

**Specification:**

<b>Model</b>	<b>HI-11231BBC86</b>
External Size(W*D*H)	700*650*1230 mm
Internal Size(W*D*H)	600*500*540 mm
Tested Opening	Safety height: 200mm(8")
Max Opening	370 mm (15")
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
HEPA Filter	Two, 99.999% efficient at 0.3 µm. Filter life indicator.
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.
Noise	EN12469 ≤ 58 dB / NSF49 ≤ 61 dB
UV Lamp	15W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
Fluorescent Lamp	40W*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 with optional base stand
Power Supply	AC220V±10%, 50/60Hz; 110V±10%,60Hz
Standard Accessory	Fluorescent lamp, UV lamp*2, Remote control, Waterproof sockets*2
Optional Accessory	Base stand, Universal caster with brake and leveling feet.
Gross Weight without Base Stand	Wooden: 164kg Carton:121kg
Gross weight with Base Stand	Wooden:196kg
Package Size without Base Stand (W*D*H)	Wooden:860*800*1450mm Carton:820*760*1430mm
Package Size with Base Stand (W*D*H)	Wooden: 860*960*1450mm

**Accessories:**

Standard Accessory:

Fluorescent lamp 1pc

UV lamp 2pcs

Remote control 1pc

Waterproof sockets 2pcs

**Optional Accessory:**

Base stand, Universal caster with brake and leveling feet