

## 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.

The base stand is optional



**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.

## 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*640*1230mm(without base stand)                                                                |
| Internal Size(W*D*H)                 | 600*500*530mm                                                                                     |
| 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                         | Double-sided laminated glass                                                                      |
| Noise                                | ≤ 67dB                                                                                            |
| UV Lamp                              | UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination      |
| LED Lamp                             | 8W*2                                                                                              |
| Illumination                         | ≥1000Lux                                                                                          |
| Consumption                          | 500W                                                                                              |
| 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.<br>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                                       |
| Optional Accessory                   | SS Water tap*1, SS Gas tap*1, Base stand                                                          |
| Packing Size (without base stand)    | Carton: 810*760*1430mm<br>Wood: 850*810*1430mm                                                    |
| Gross Weight (without base stand)    | Carton: 120kg<br>Wood: 140kg                                                                      |
| Package Size(with base stand)(W*D*H) | Carton: 960*810*1430mm<br>Wood: 970*850*1430mm                                                    |
| Gross Weight (with base stand)       | Carton: 138Kg<br>Wood: 162Kg                                                                      |