# Lab app



CE · ISO 9001 · ISO 14001 · ISO 13485 · SGS

## Class II A2 Biological Safety Cabinet

### 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

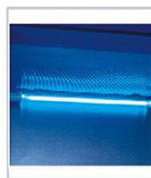Work zone is made of 304 stainless steel, is surrounded by negative pressure.

### 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. 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.
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.

## TECHNICAL PARAMETERS

| Model | 11231 BBC 86 |
|---|---|
| External Size(W*D*H) | 700*650*1230mm |
| 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, 99.999% efficiency at 0.3µm. Filter life indicator |
| Front Window | Motorized. Toughened glass. Anti UV. |
| Noise | EN12469 ≤ 58dB / NSF49 ≤ 61dB |
| UV Lamp | 15W*1<br>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 |
| 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, UV lamp*2, Remote control, Waterproof sockets*2 |
| Optional Accessory | Base stand, Universal caster with brake and leveling feet, SS Water tap*1, SS Gas tap*1 |
| Gross Weight without Base Stand | Wooden Box: 164kg    Carton: 121kg |
| Gross Weight with Base Stand | Wooden Box: 196kg |
| Package Size without Base Stand (W*D*H) | Wooden Box: 860*800*1450mm    Carton: 820*760*1430mm |
| Package Size with Base Stand (W*D*H) | Wooden Box: 860*960*1450mm |