



Pro Series Class II A2 Biological Safety Cabinet



LCD Display

7 inch large touch screen is easy to monitor all the safety parameters at a glance and ergonomically sized control panel



Handle

Four handles on each corner, easier to move the unit to anywhere



Work Zone

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



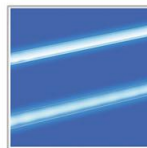
Waterproof Socket

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, high filter pressure alarm.
5. Self-locking button switch to solve the trouble of losing the key.
6. Removable handle design, easy to move.
7. 7 inch Large touch screen with Intelligent control system: 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-Pro |
| External Size(W*D*H) | 700*640*1920mm |
| 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 | 15W*1 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 | 7 inch large touch screen |
| 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, handle*4, universal caster with brake and leveling feet |
| Optional Accessory | SS Water tap*1, SS Gas tap*1; Wind speed self adjustment function, real-time compensation for wind speed through sensor monitoring; APP networking remote control; USB data transfer function, supporting data monitoring and export; LED fluorescent lamp brightness adjustment function; Base bracket with manual or electric height adjustment function; Manual lifting front window function; Manual automatic lifting front window function. |
| Packing Size (Without Base Stand) | Carton: 820*760*1425mm Wood: 850*800*1415mm |
| Gross Weight (Without Base Stand) | Carton: 120kg Wood: 140kg |
| Packing Size (With Base Stand) | Carton: 880*817*1420mm Wood: 960*850*1415mm |
| Gross Weight (With Base Stand) | Carton: 140kg Wood: 160kg |