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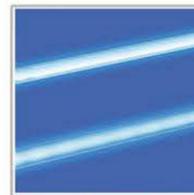Work zone is made of 304 stainless steel, is surrounded by negative pressure.

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