

CLASS II A2 BIOLOGICAL SAFETY CABINET

TECHNICAL PARAMETERS

MODEL	IIA2 PRO
Inflow Velocity	0.53 ± 0.025 m/s
Downflow Velocity	0.33 ± 0.025 m/s
Airflow System	70% air recirculation, 30% air exhaust
Front Window	Motorized
Max Opening	370 mm
Tested Opening	Safety height 200 mm
HEPA Filter	Two, 99.995% efficiency at 0.3 µm
Noise	≤67 dB
Display	Large touch screen with intelligent control system which 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, and UV life indicators, etc.
UV Lamp	15 W, emission of 253.7 nm
LED Lamp	8 W
Work Surface Height	750 mm with optional base stand
External Size	700 x 650 x 1230 mm
Internal Size	600 x 500 x 540 mm
Gross Weight	140 kg

DESCRIPTION

Biological Safety Cabinet is necessary equipment in the laboratory when operator need to apply protective measures, such as in medical and health, pharmacy, medical research. This equipment provides a safety working environment through negative pressure filtration system for protecting operator, laboratory environment and work materials. Type A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.



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Material	Front Window: Toughened glass ≥ 5 mm Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating
Consumption	500 W
Power Supply	AC 110V \pm 10%, 60Hz



STANDARD ACCESSORIES

1. Waterproof sockets
2. Remote control
3. Removable handles
4. LED lamp
5. UV lamp
6. Drain valve

OPTIONAL ACCESSORIES

1. Base stand
2. Gas tap
3. Water tap

KEY FEATURES

1. Intuitive control panel to set automatic power on/off for fan, socket, light and UV lamp.
2. Self-locking button switch to solve the trouble of losing the key.
3. Removable handle design, easy to move.
4. Visual and audio alarm when filter replacement, front window at unsafe height, abnormal airflow velocity and high filter pressure.
5. Interlock function: UV lamp and front window; UV lamp and blower; UV lamp and LED lamp; blower and front window.
6. Disinfection function: UV lamp will turn on and automatically turn off after 30 minutes.
7. Small dimension, save space.



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