

Life Science Products

Biological Safety Cabinet

Applications

Three protection:operator, sample and environment.

Airflow system:70% air recirculation, 30% air exhaust.

A2 cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.



Microprocessor Controller

- Large LCD display, the right place and angled down for easy reach & viewing.
- Real-time monitoring, display all safety information on one screen.
- Real-time monitoring of hepa filter status. Display sound and light alarm about failure, pre-failure, damaged.



EC Fan

- High efficiency and energy saving with 30%-60% energy savings compared to AC motor.
- The automatic resistance compensation function can provide safe air velocity even when the filter resistance increases by 300%.



HEPA Filter

- Filtration efficiency>99.99%@0.3µm.
- Cleanliness ISO class 5.
- UPLA filter is optional.



Internal Working Area

- Three sides of the inner wall shape a large arc design, easy to clean.
- A special negative pressure design prevents contaminants from escaping up the side wall into the operator's environment.
- Paper collectors prevent the high maintenance costs associated with paper waste inhalation.
- Easy to remove working surface and support, easy to clean drain tray.



Ergonomic Design

- 5°backward-slanted safety grade glass provides more comfortable viewing.
- Raised arm rest help prevent grille blockig.
- Sash is designed for easy operation with single hand.
- Backlight lighting design reduces operator visual fatigue.



Technical Specifications

Model	BBC-3S1	BBC-4S1	BBC-5S1	BBC-6S1
Internal Dimensions (W×D×H) mm	920×580×655	1220×580×655	1520×580×655	1820×580×655
External Dimensions (W×D×H) mm	1040×810×2100	1340×810×2100	1640×810×2100	1940×810×2100
Downflow Velocity	0.33m/s			
Inflow Velocity	0.53m/s			
Working Access Opening Height	200mm			
Opening MAX.	500mm			
HEPA Filter Typical Efficiency	99.995% @ 0.3µm			
Noise	<65dB			
Fluorescent Lamp Intensity	>900Lux			
UV Lamp	20W	30W	40W	40W
Voltage	220V/50Hz			
Power Consumption	1300VA	1400VA	1500VA	1600VA
Net Weight	225kg	265kg	305kg	345kg
Shipping Weight	295kg	335kg	395kg	445kg
Shipping Dimensions (W×D×H) mm	1210×935×1870	1510×935×1810	1810×935×1810	2110×935×1810