

TECHNICAL SPECIFICATIONS

Model	C.LAB 320 PSM2	C.LAB 360 PSM2
Internal Dimensions (W×D×H) mm	920×580×655	1220×580×655
External Dimensions (W×D×H) mm	1040×810×2100	1340×810×2100
Downflow Velocity	0.33m/s	
Inflow Velocity	0.53m/s	
Working Access Opening Height	200mm	
Opening MAX.	450mm	
HEPA Filter Typical Efficiency	99.99% @ 0.3µm	
Noise	<65dB	
Fluorescent Lamp Intensity	>900Lux	
UV Lamp	20W	30W
Voltage	220V/50Hz	
Power Consumption	450VA	650VA
Net Weight	195kg	245kg
Shipping Weight	265kg	325kg
Shipping Dimensions (W×D×H) mm	1200×960×1860	1500×960×1860



Life Science Products
Biological Safety Cabinet
Class II Type A2

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.

2020-02



Biological Safety Cabinet

EC Fan



①

- 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%.

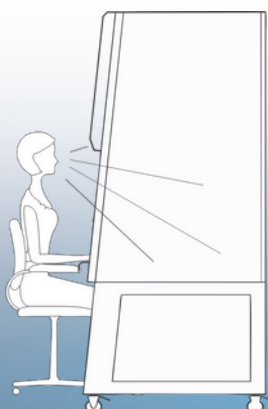
HEPA Filter



②

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

Ergonomic Design

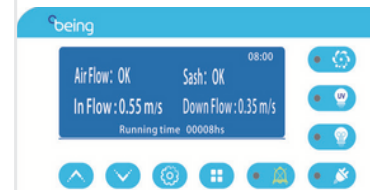


③

- 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.



Microprocessor Controller



④

- 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.

Internal Working Area



⑤

- 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.