



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.



Biological Safety Cabinet - Class II Type A2

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%.

①

HEPA Filter



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

②

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.

③



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.

④

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.

⑤

TECHNICAL SPECIFICATIONS

Model	Spitz-3S1	Spitz-4S1	Spitz-5S1	Spitz-6S1
Internal Dimensions (WxDxH) mm	920x580x655	1220x580x655	1520x580x655	1820x580x655
External Dimensions (WxDxH) mm	1040x810x2100	1340x810x2100	1640x810x2100	1940x810x2100
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	40W	40W
Voltage	220V-240V, 60Hz			
Power Consumption	450VA	650VA	650VA	850VA
Net Weight	195kg	245kg	290kg	340kg
Shipping Weight	265kg	325kg	380kg	440kg
Shipping Dimensions (WxDxH) mm	1200x960x1860	1500x960x1860	1800x960x1860	2100x960x1860