

Bio-safety Cabinet

GBC-900/1200/1500/1800A2



HD High Definition Display

Intuitively understand the operating status of the equipment, and display the drop, inflow wind speed and remaining filter life in real time



One Button Operation

- Mechanical key film, longer key life;
- Equipped with corresponding button indicator lights to indicate the working status of the device

Bio-safety Cabinet GBC-900/1200/1500/1800A2

Product Feature



Dual blower system

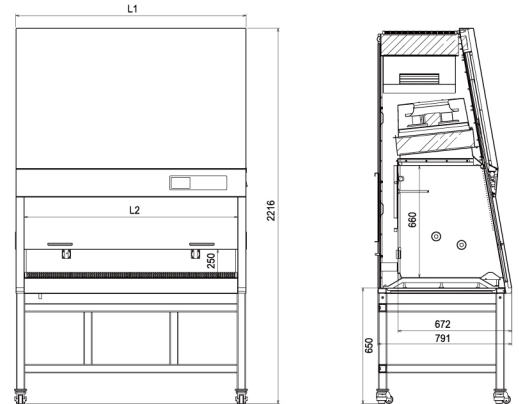
- The unique downflow + inflow blower design, combined with dual airflow velocity sensors, can detect downflow velocity and inflow velocity in real time. It also has a blower interlock function and adjusts the velocity through intelligent blowers.
- DC motor design can enhance the stability of airflow, improve the safety of the equipment and have the advantages of low noise and environmental protection.



Humanized Design

- Integrated molding:** Integrated work surface, the internal side wall and rear wall are integrated metal structures to prevent leakage.
- Safety guarantee:** It has a 3-minute self-cleaning function when it is turned on, and is also equipped with various alarm functions such as airflow velocity alarm, sensor failure alarm, etc.

	GBC-900A2	GBC-1200A2	GBC-1500A2	GBC-1800A2
L1	1060	1360	1660	1960
L2	960	1260	1560	1860



Technical Parameter

Model	GBC-900A2	GBC-1200A2	GBC-1500A2	GBC-1800A2
CLASS II TYPE A2				
External Dimensions(mm)	1060×806×2216	1360×806×2216	1660×806×2216	1960×806×2216
Internal Dimensions(mm)	960×630×660	1260×630×660	1560×630×660	1860×630×660
Internal Work Area,Space	0.60m²	0.79m²	0.98m²	1.17m²
Downflow Velocity (m/s)	0.32	0.32	0.32	0.32
Inflow Velocity (m/s)	0.53	0.53	0.53	0.53
Downflow Volume (m³/h)	675	885	1096	1307
Inflow Volume (m³/h)	458	601	744	887
Downflow Filter	HEPA H14 99.995%@MPPS			
Inflow Filter	HEPA H14 99.995%@MPPS			
ULPA Filter(Optional)	ULPA U15 99.999%@MPPS			
Valve (Optional)	Air/Water Valve			
Biosafety Protection Test				
Personnel Protection Test1 ~ 8×108 (three times in succession)	KI-Discus containment and microbiological testing is performed			
Product Protection Test1 ~ 8×106(three times in succession)	≤5CFU	≤5CFU	≤5CFU	≤5CFU
Cross-contamination Test1 ~ 8×104(three times in succession)	≤2CFU	≤2CFU	≤2CFU	≤2CFU
Average Light intensity(Lux)	≥ 900			
UV radiation intensity(mW/sqm)	> 400			
Noise (dB)	< 65			
Excellent light distribution	YES	YES	YES	YES
RMS(μm)	< 5			
Main Body	1.5mm Galvanized Steel			
Work Zone	1.5mm Stainless Steel, type 304			
Front Window	10°, 6mm Tempered Glass, UV Safety, Anti UV			
Net Weight (kg)	260	300	350	390
Shipping Weight (kg)	295	345	400	455
Shipping Dimensions Maximum(W×D×H)	1140×1103×1840	1440×1103×1840	1740×1036×1840	2040×1036×1840
Shipping Volume, Maximum (m³)	2.31	2.92	3.32	3.89
220V~50Hz				
Cabinet Full Load Amp(FLA)	1.3A	1.3A	1.5A	1.6A
Fuses	10A	10A	10A	10A
Cabinet Nominal Power	204W	212W	238W	275W
Optional Outlets FLA	5A	5A	5A	5A
Total Cabinet FLA	6.3A	6.3A	6.5A	6.6A
Alarm				
Airflow velocity sensor fault, low/high airflow velocity fault, airflow blower fault, pressure alarm, filter/UV lifespan alarm, door position alarm				
Filter Standard	HEPA H14 accordance with EN 1822-4: efficiency of 99.995%@MPPS ULPA U15 accordance with EN 1822-4: efficiency of 99.999%@MPPS			
Certification Standard	EN12469、YY0569			

Alphavita

BIO SCIENTIFIC



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Product technical parameters and styles are for reference only, not as a basis for ordering.

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