



CLASS II BIOSAFETY CABINET BGI-5504

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BIOLOGICAL SAFETY CABINET



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.

SPECIFICATIONS

Model	BGI-5504
Internal Dimensions (WxDxH) mm	1820x580x655
External Dimensions (WxDxH) mm	1940x810x2100
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	40W
Voltage	220V/50Hz
Power Consumption	1600VA
Net Weight	345kg
Shipping Weight	445kg
Shipping Dimensions (WxDxH) mm	2110x935x1810
Alt Name	Biological Safety Cabinet

FEATURES

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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.



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.



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