



CLASS II BIOSAFETY CABINET BGI1CD3

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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.

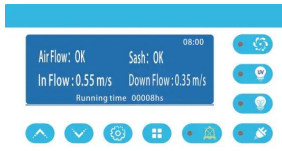
SPECIFICATIONS

Model	BGI1CD3
Internal Dimensions (WxDxH) mm	1520x580x655
External Dimensions (WxDxH) mm	1640x810x2100
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	1500VA
Net Weight	305kg
Shipping Weight	395kg
Shipping Dimensions (WxDxH) mm	1810x935x1810
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.



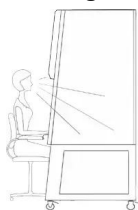
Internal Working Area

- 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.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com