



CLASS III BIOSAFETY CABINET

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Biolab Biological Safety Cabinet Class III Series is designed to work with level 4 pathogens. These safety cabinets feature a physical barrier between the user and product. It involves a gas tight chamber with negative pressure and attached pair of gloves for operation to avoid direct contact with hazardous contaminants. Robust design with advanced protection, it has a user friendly interface and energy efficiency.

Used in Toxic Chemicals, Potential Carcinogens, Hazardous Contaminants, Laboratory, Research.

Also known as Class III BSC, Biosafety Cabinet.

BCBS-502 BIOLOGICAL SAFETY CABINET CLASS III



Stainless Steel 304 table for operation

Digital LCD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

Two-layered marinated toughened glass (≥ 5 mm) motorized front window

Motored front window with timer function

Front window is completely sealed with ≥ 8 thickness

Remote control operation including front sash movement and fan speed control

Foot switch to adjust the height of the front window

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow

SPECIFICATIONS

| | |
|------------------------|---|
| Model | BCBS-502 |
| Type | Class III Biosafety Cabinet |
| ULPA Filter | Air Supply Filter: Efficiency 99.9995% at 0.12 μ m, First exhaust filter: Efficiency 99.9995% at 0.12 μ m, Second Exhaust Filter: Efficiency 99.9995% at 0.12 μ m |
| Pre-filter | Polyster fibre, Washable |
| Pressure | Negative >120 Pa |
| Gloves | One pair of 800mm butyl rubber gloves |
| Front Window | 8 mm toughened glass, anti ultraviolet radiation |
| Work Zone Material | 304 stainless steel |
| Display | LCD display |
| UV Lamp | 30Wx2, 8Wx1 Emission of of 253.7 nanometers for most efficient decontamination |
| LED Lamp | 16Wx2 |
| Illumination | ≥ 1000 lux |
| Standard Accessories | Gloves, fluorescent lamp, UV lamp x3, remote control, pressure meter, drain valve |
| Visual and Audio Alarm | Audio and visual alarm, abnormal pressure; filter replacement |
| Noise | ≤ 67 dB |
| Internal Size (WxDxH) | 1165x650x660 mm |
| External Size (WxDxH) | 1790x880x2080 mm |
| Pass Box Size(WxDxH) | Internal Size: 430x330x355 mm External Size: 575x425x495 mm |
| Package Size (WxDxH) | 1890x1065x2250 mm |
| Gross Weight | 450 kg |
| Consumption | 1300 W |
| Power Supply | AC220V $\pm 10\%$, 50/60Hz; 110V $\pm 10\%$, 60Hz |

ACCESSORIES

| Accessory Code | Name |
|----------------|------------------|
| 2200606018 | Fluorescent Lamp |
| 2200806006 | Remote Control |
| 2200806007 | Drain Valve |
| 2201606006 | Pressure Meter |
| 2201606007 | Gloves |
| 2201606008 | UV Lampx4 |

BCBS-503 BIOLOGICAL SAFETY CABINET CLASS III



With memory function in case of power-failure
 UV lamp ensures work area sterilization effectively
 An angled cabinet front ensure an ergonomic working posture
 Exhaust air is double-filtered through high-quality ULPA filters with typical efficiency of 99.9995% for 0.12µm particles

SPECIFICATIONS

| Model | BCBS-503 |
|------------------------|--|
| Type | Class III Biosafety Cabinet |
| ULPA Filter | Air supply filter: Efficiency 99.9995% at 0.12µm First exhaust filter: Efficiency 99.9995% at 0.12µm Second exhaust filter: Efficiency 99.9995% at 0.12µm |
| Pre-filter | Polyester fiber, washable |
| Pressure | ≥ negative 120 Pa |
| Work Zone Material | 304 stainless steel |
| Front Window | 8 mm toughened glass, anti-ultraviolet radiation |
| Gloves | One pair of 800mm butyl rubber gloves |
| UV Lamp | 18W x2 ,8W x1 Emission of 253.7 nanometers for most efficient decontamination |
| LED Lamp | 12W x2 |
| Illumination | ≥ 1000 lux |
| Display | LCD display |
| Noise | ≤67dB |
| Visual and Audio Alarm | Audio and visual alarm, abnormal pressure; filter replacement |
| Standard Accessories | Gloves, fluorescent lamp, UV lamp x3, remote control, pressure meter, drain valve |
| External Size (WxDxH) | 1540x880x2000 mm |
| Internal Size (WxDxH) | 910x650x660 mm |
| Package Size (WxDxH) | 1635x1065x2160 mm |
| Pass Box Size(WxDxH) | Internal Size:430x330x355 mm External Size:575x425x495 mm |
| Gross Weight | 350 kg |

| | |
|--------------|-----------------------------------|
| Consumption | 1200 W |
| Power Supply | AC220V±10%,50/60 Hz;110V±10%,60Hz |



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