



BIOLOGICAL SAFETY CABINET CLASS I BCBS-103

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Biolab Biological Safety Cabinet Class I series has an energy efficient design with low noise operation and corrosion free construction. Negative pressure ventilated cabinet operated with an open front and provides personnel protection. Air exiting the chamber is HEPA filtered to assure removal of contaminants.

Used in Microbiological, Laboratory, Genetics, Cell Biology, Molecular Biology, Plant, Animal Cell culturing, Research. Also known as Class I BSC, Biosafety Cabinet.

BCBS-103 BIOLOGICAL SAFETY CABINET CLASS I



Stainless Steel 304 table for operation

HEPA Filter protects environment by filtering air before it is exhausted

UV lamp for sterilization

Soft touch control panel with LCD display

Stable air flow system providing personnel and environmental protection

Negative air pressure provides personnel protection by constant movement of air in working area

Low noise and high energy efficiency for operational cost savings

SPECIFICATIONS

| | |
|------------------------|---|
| Model | BCBS-103 |
| Type | Class I |
| HEPA Filter | 99.995% efficiency at 0.3 μ m |
| Air Flow Velocity | >0.3 m/s |
| UV Lamp | 20Wx1 Emission of 253.7 nanometers for most efficient decontamination It has UV timer function and the display could indicate the UV life |
| Illuminating Lamp | 8Wx1 LED lamp |
| Main body construction | Cold-rolled steel with anti bacteria powder coating, tempered glass |
| Work Table | 304 Stainless Steel |
| Work Surface Height | / |
| Caster | / |
| Noise | \leq 60dB |
| Standard Accessory | LED lamp, UV lamp x2 |
| Optional Accessory | Electric Height adjustable base stand |
| Internal Size (WxDxH) | 800x635x600 mm |
| External Size (WxDxH) | 900x713x1250 mm |
| Package Size (WxDxH) | 1060x870x1140 mm |
| Gross Weight | 147 kg |
| Power Consumption | 400 W |
| Power Supply | AC220V+10% 50/60Hz ; 110V+, 60Hz |

ACCESSORIES

| Accessory Code | Name |
|----------------|-----------|
| 6000606013 | UV Lampx2 |

OPTIONAL ACCESSORIES

| Accessory Code | Name | External Dimension | Package Size (mm) |
|----------------|---|--------------------|-------------------|
| 2200606006 | Infrared Sterilizer | 150x95x210 mm | |
| 2200606007 | Airflow Tester | | |
| 2200606008 | Formalin Fumigation Sterilizer | | 300x200x160 mm |
| 2200606009 | Ammonium Hydrogen Carbonate Neutralizer | | 300x200x160 mm |
| 2200606010 | Armrest | | |
| 2200606011 | Laboratory Chair | | |
| 2200606012 | Dust Particle Counter | | |
| 2200606013 | Digital Sound Level Meter | | |
| 2200606014 | Illumination Meter | | |
| 2200606015 | Air Flow Anemometer | | |
| 2200606016 | Protective Garment | | |
| 2200606017 | Protective Gloves | | |



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