

# CLASS I BIOLOGICAL SAFETY CABINET BSC11-680



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It is widely used in microbiological work and research purposes in the field of genetics. HEPA Filter protects environment from contamination by filtering air before it is exhausted. Due to its low noise and high energy efficiency feature, the operational cost becomes less.

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

## BSC11-680 CLASS I BIOLOGICAL SAFETY CABINET

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                     | BSC11-680  |
| Type                      | Class I  |
| HEPA Filter               | 1  |
| HEPA Filter Efficiency    | 99.999% efficiency at 0.3 $\mu\text{m}$          |
| Air Flow Velocity         | 0.75 ~ 1.0 m/s                                   |
| Minimum Face Velocity     | 75 linear feet per minute (lfpm)                 |
| LED Lamp                  | 18Wx1  |
| UV Lamp                   | 20Wx1  |
| Work Surface Height       | Benchtop Type                                    |
| Inner Dimension (WxDxH)   | 680x540x500 mm                                   |
| Overall Dimension (WxDxH) | 700x550x900 mm                                   |
| Package Size              | 870x720x1170 mm                                  |
| Chamber Material          | Poly Methyl Methacrylate (PMMA)                  |
| Noise Level               | $\leq 55$ dB                                     |
| Weight                    | 60 kg  |
| Power                     | $\leq 160$ W                                     |
| Power Supply              | AC220V $\pm 10\%$ ,50/60Hz;110V $\pm 10\%$ ,60Hz |

## ACCESSORIES

| Accessory Code | Name             | Description |
|----------------|------------------|-------------|
| LS53467        | Fluorescent Lamp |             |
| LS53479        | UV Lampx2        |             |

## OPTIONAL ACCESSORIES

| Accessory Code | Name                                    | Description | External Dimension | Package Size (mm) |
|----------------|---|-------------|--------------------|-------------------|
| LS53006        | Infrared Sterilizer                     |             | 150x95x210 mm      |                   |
| LS53018        | Airflow Tester                          |             |                    |                   |
| LS53030        | Formalin Fumigation Sterilizer          |             |                    | 300x200x160 mm    |
| LS53042        | Ammonium Hydrogen Carbonate Neutralizer |             |                    | 300x200x160 mm    |
| LS53054        | Armrest                                 |             |                    |                   |
| LS53066        | Laboratory Chair                        |             |                    |                   |
| LS53078        | Dust Particle Counter                   |             |                    |                   |
| LS53090        | Digital Sound Level Meter               |             |                    |                   |
| LS53102        | Illumination Meter                      |             |                    |                   |
| LS53114        | Air Flow Anemometer                     |             |                    |                   |
| LS53126        | Protective Garment                      |             |                    |                   |
| LS53138        | Protective Gloves                       |             |                    |                   |



**Biozef**

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