# Biological Safety Cabinet

- Protection to Product the Operator and environment.
- HEPA Filter removes 99.97 % of 0.3 µm Particles.
- ULPA Filter removes 99.999 % of 0.1 µm Particles (Optional).
- Front Air Curtain to Establish Operator Protection.
- Microprocessor Digital Controller and Digital Display.
- UV and Fluorescent Lamp, Air and Gas Cock, Power Consent.
- Filter Replacement Warning Function (Visual ).
- Silent Vibration Free DC Brushless Blower ensure noiseless operation and Anti-Vibration Construction Provides efficient working  environment.
- Tempered Safety Glass Sliding Door for Protection from UV exposure.
- Safety UV Protection System.
- Optimized Air Flow System for Uniform Air Flow/ Velocity.
- Corrosion Resistant 304 Stainless Steel working table.



# Technical Specifications

| Capacity & Models | | "SSBC-1200" | "SSBC-1500" | "SSBC-1800" |
|---|---|---|---|---|
| | | Vertical / Horizontal Air Flow-type | | |
| Dimension (W x D x H) | Interior | 1,200 x 640 x 620 | 1,500 x 790 x 760 | 1,800 x 940 x 920 |
| Bio Safety Level | | BSL 1~ 3 (Class 2, Type A2) | | |
| Air Flow Velocity | Inflow | Average 0.45 m/s (90 fpm) | | |
| | Down flow | Average 0.31 m/s (61 fpm) | | |
| Air Volume | | 1,330 m$^2$/h | 1,650 m$^2$/h | 2,000 m$^2$/h |
| Exhaust HEPA Filter | | 0.3 µm particle Removal 99.97% | | |
| Down flow HEPA Filter | | 0.3 µm particle Removal 99.97% | | |
| Down flow ULPA Filter | | 0.1/ 0.3 µm Particle Removal 99.999 % (Optional) | | |
| Prefilter | | 3 ~ 30 µm Particle Removal | | |
| Display | | Digital Display | | |
| Controller | | Microprocessor Digital Controller | | |
| Lamp | | 1 x UV 20W, 1 x FL 20W | 1 x UUV 40W, 1 x FL 40W | |
| Noise Level | | 56 ~ 60dBA | | |
| Door type | | Tempered Safety Glass Sliding Door | | |
| Utility Device | | 1 x Air Cock, 1 x Gas Cock, 1 x 220 V Consent | | |
| Material | | Internal : Stainless Steel, External : Powder Coated Steel | | |
| Power Supply | | 1 Phase, AC 220 V, 50 Hz | | |

NOTE : Technical specifications & Design are subject to change without prior notice, due to continuous up gradation.