

## Bio-Safety Cabinet

A Biological Safety Cabinet is a ventilated enclosure offering protection to the user, the product and the environment from aerosols arising from the handling of potentially hazardous micro-organisms. The continuous airflow is discharged to the atmosphere via a HEPA filter.

### Class II type A2 Biological Safety Cabinet

- ❖ Maintained HEPA filtered Inflow 0.5m/s and down flow 0.3m/s
- ❖ 70 % of air is re-circulated within the cabinet.
- ❖ 30 % of the HEPA filtered air is exhausted either back into the laboratory or to the outside atmosphere with a thimble duct connection.

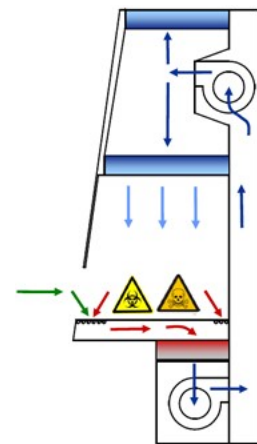
Biologically contaminated plenum is under negative pressure or surrounded by negative pressure.

### 7" Color Touch Screen



### Features

- ❖ High resolution touch screen, beautiful and generous interface, multiple groups of data displayed on one screen, convenient operation
- ❖ Intelligent fuzzy control, accurate wind speed control
- ❖ Real time monitoring of operation status and accumulated operation time of fans, filters, etc., with alarm function
- ❖ More humanized lighting and UV functions;
- ❖ It has the function of operation log, password protected user management to enhance the traceability of experiments (FDA Requirement)
- ❖ It has the scheduled operation function and timing function;
- ❖ It has the screen locking function to avoid human touch operation errors
- ❖ It can expand remote communication and other functions to improve the convenience and security of the experiment.



### Technical Specifications

Model	BSC-30	BSC-36	BSC-42	BSC-48	BSC-60	BSC-72
Size External inch	30 x 30 x 72	36 x 30 x 72	42 x 30 x 72	48 x 30 x 72	60 x 30 x 72	72 x 30 x 72
Size internal inch	24 x 24 x 24	30 x 24 x 24	36 x 24 x 24	42 x 24 x 24	54 x 24 x 24	64 x 24 x 24
Work Surface Height	28 inch					
Material Interior	SS304					
Material Worktable	SS304					
Material Exterior	Powder coated Steel					
Front window	8 mm UV resistant transparent polycarbonate and manual up down (Motorized Front window optional)					
Hepa Filter	Long-life ULPA filters for supply and exhaust with 99.999% efficiency for particle size between 0.1 to 0.3 microns					
Type	<b>Class II type A2</b>					
Air flow control	7 inch Touch Screen LCD controller with dual sensor Inflow 0.5±0.25m/s, Down flow 0.30±0.25m/s					
Noise	<60 dBA					
Standard Accessories	Power socket x 1; UV Light x1, LED Light x 1, Gas inlet port x 1					
Power	220V AC, 50 Hz					
Weight Kg (appr.)	85	100	130	180	200	230

Customize size available