

## Class IIA2 Biological Safety Cabinet

**Model: BSC-1000IIA2 / BSC-1300IIA2 / BSC-1600IIA2**

### Working principle

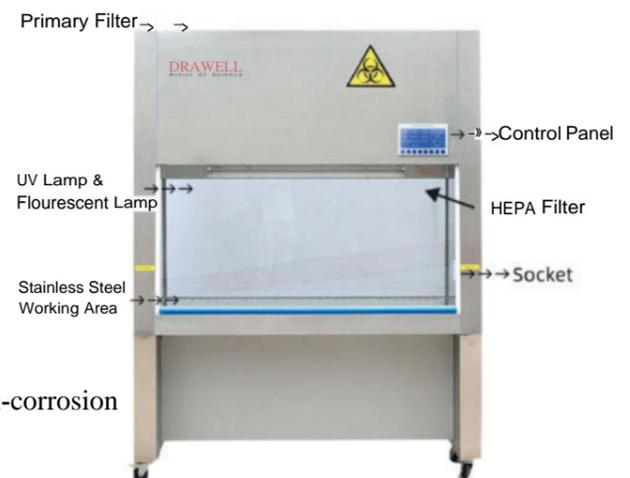
Clean biological safety cabinet is necessary in animalcule lab, especially in the condition needing protection measure, such as medicine, pharmacy, scientific research and so on.

The bio-safety cabinet is a box-shaped air purification negative pressure safety device that prevents aerosols from containing dangerous or unknown biological particles during handling.

Its working principle is mainly to pump the air inside the cabinet to keep the negative pressure state inside the cabinet to protect the operator through the vertical air flow. The outside air is filtered through the HEPA filter and then enters the safety cabinet to avoid contamination of the sample. The air in the cabinet is also filtered through the HEPA filter and then vented to the atmosphere to protect the environment.

### Features

1. 10° tilt design, more ergonomic
2. Air insulation design to avoid cross pollution inside and outside air circulation, 70% air recirculation, 30% air exhaust.
3. Lighting and sterilization system safety interlock
4. HEPA high-efficiency filter can filter more than 99.99% of 0.3um dust particles
5. Digital display LED control interface, fast, medium, Slow three speed
6. The working area is SUS304 brushed stainless steel, strong, durable, easy to clean, anti-corrosion
7. Standard configuration diameter 160mm, 1 meter long exhaust duct and elbow
8. Work area is equipped with a five-hole socket



### Specifications

Model	BSC-1000IIA2	BSC-1300IIA2	BSC-1600IIA2
Cleaning level	100Level (USA Federal Standard 209E) x 0.5um Granulae x 3.5per liter		
Descending Wnd speed	≥0.35m/s		
Wnd speed in	≥0.55m/s		
Noise	≤58dB(A)		
Hdf venffiatfon peakvdue	≤3pm		
Power supply/Max. pcwer consumption	AC220V/50Hz/1kW		
Biologed safely	Personnel protection: impact type sampler CFU x 10		
	Product protection: all sampling vessels: CFU x 5		
	Cross contamination protection: all double dishes: CFUx2		
Wakrigciea	1000x650x620	1300x650x620	1600x650x620
Overalcineraon	1195 x 720x1950	1495x720x1950	1795x720x1950
Specification of air-supply filter	955x545x50x1	1290x554x50x1	1590x554x50x1
Fluorescent lamp / UV lamp	20W x2 / 20Wx1	30Wx2 / 30Wx1	30Wx2 / 30Wx2
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