

# CLASS II BIOLOGICAL SAFETY CABINET BSC82-350A2



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## BSC82-350A2

It operates with a negative air pressure for personnel protection and HEPA filtered laminar airflow for product protection to meet the requirements for the environment from microorganisms and aerosols. Features like Time reverse function, Interlock function, low noise and Filter Life Indicator makes the product beneficial and reliable. Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory. Also known as Class II BSC, Biosafety Cabinet.

## BSC82-350A2 CLASS II BIOLOGICAL SAFETY CABINET

7-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window

It has the function of appointment timing, which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps, fans and sockets

The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on

The negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function



## SPECIFICATIONS

|                     |   |
|---------------------|---|
| Model               | BSC82-350A2   |
| Type                | Class II, Type A2   |
| Inflow Velocity     | 0.53±0.025m/s   |
| Down Flow Velocity  | 0.33±0.025m/s   |
| Filter              | ULPA Filter - Two, 99.9995% efficiency at 0.12μm, filter life indicator |
| Max Opening         | 350 mm  |
| Tested Opening      | Safety height 200 mm  |
| Work Surface Height | 750mm with base stand   |
| Work Zone Material  | 304 stainless steel   |

|                        |  |
|------------------------|--|
| Main Body Material     | Cold-rolled steel with anti-bacteria powder coating  |
| UV Lamp                | 15W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination  |
| LED Lamp               | 8W x2  |
| Illumination           | ≥1000 Lux  |
| Waterproof Socket      | Two, total load of two sockets: 500 W  |
| Control System         | 70% air recirculation, 30% air exhaust   |
| Display                | LCD display  |
| Visual and Audio Alarm | Filter replacement, window over height, abnormal air flow velocity; High filter pressure alarm       |
| Front Window           | Two-layer laminated toughened glass≥5mm. Anti UV.  |
| Noise                  | ≤65 dB   |
| Standard Accessory     | Cabinet x1, Base stand x1, LED lamp x2, UV lamp x1, Drain ball valve x1, European Standard Socket x2 |
| Optional Accessory     | Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, S.S. water tap, S.S. gas tap          |
| External Size (WxDxH)  | 700x700x2000 mm  |
| Internal Size (WxDxH)  | 600x500x540 mm   |
| Package Size (WxDxH)   | 880x910x1520 mm  |
| Gross Weight           | 170kg  |
| Consumption            | ≤500 W   |
| Power Supply           | AC220V 50/60Hz; 110V 60Hz  |

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