



## EN Certified Biological Safety Cabinet



**Color Touch Screen**  
Touch operation, real-time and clearer display of various values and appointment timing function.



**SS Water tap & Gas tap**



**Anti-paper dust structure**



**Wind Speed Sensor**



**Footmaster Caster**  
Universal caster with brake and leveling feet.



**Stepper Motor**



**European Standard Socket**



**Work Zone**  
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



**UV Lamp**  
Emission of 253.7 nanometers for most efficient decontamination.

## ADVANTAGE

- 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
- The power-on password can be set to prevent mis-operation by irrelevant personnel.
- Automatically adjust the wind speed.
- Power-off memory, restore the state before power-off, and have a visual reminder to alarm.
- Side windows on both sides for easy observation.
- The operation area is integrally formed, which is easy to disassemble and clean.
- A breeze speed sensor is equipped at the working area and the outer exhaust air outlet to detect the wind speed in real time.
- It can be used both manually and electrically, and the glass door can be pulled down to close the front window 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 an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
- The closing of the front window can double trigger the signal, so that the sterilization and disinfection function of the UV lamp can be turned on normally.
- The cabinet is designed with a 10° inclination angle, which conforms to the principle of ergonomics, has a larger viewing angle, is easy to operate and is more user-friendly.
- Anti-paper dust structure at the air inlet to prevent paper dust from entering the air cavity.
- Split countertop is easier to clean.
- One button front window lifting function.

## TECHNICAL PARAMETERS

| Model                    | BSC-3FA2-HA   | BSC-4FA2-HA           |
|--------------------------|---|-----------------------|
| External Size(W*D*H)     | 1087*800*2260mm   | 1383*800*2260mm       |
| Internal Size(W*D*H)     | 980*600*650mm   | 1280*600*650mm        |
| Work Surface Height      | 750mm   |                       |
| Max Opening              | 500mm   |                       |
| Tested Opening           | 200mm   |                       |
| Airflow Volume           | Inflow  | 370m³/h(218cfm)       |
|                          | Down flow   | 65%: 690 m³/h(406cfm) |
|                          | Exhaust   | 35%: 370m³/h(218cfm)  |
|                          |   | 490m³/h(289cfm)       |
|                          |   | 65%: 910 m³/h(536cfm) |
|                          |   | 35%: 490m³/h(289cfm)  |
| Front Window             | Manual and electric, glass thickness> 5mm, anti-ultraviolet   |                       |
| ULPA Filter              | 2pcs, filtration efficiency for 0.12um particles≥99.9995%   |                       |
| Illumination             | ≥1000Lux  |                       |
| Noise                    | EN12469≤65dB  |                       |
| Display                  | Color Touch Screen  |                       |
| European Standard Socket | 230V, 3A  |                       |
| Power Supply             | AC 230V, 50/60Hz  |                       |
| Rated Power              | 1100W   | 1200W                 |
| Alarm                    | Alarm for abnormal wind speed, alarm for glass door not at safe height, alarm for abnormal power failure  |                       |
| Motor                    | AC single fan, Adjustable speed, high efficiency, low power   |                       |
| Material                 | Working Area: 304 stainless steel, side window glass; Frame and decorative plate: cold-rolled steel with anti-bacteria powder coating                         |                       |
| LED Lamp                 | 12W*2   | 14W*2                 |
| UV Lamp                  | 20W   | 30W                   |
| Standard Accessory       | Cabinet*1, Base stand*1, LED lamp*2, UV lamp*1, S.S. water tap*1, S.S. gas tap*1, Drain ball valve*1, European Standard Socket*2, Remote control, Foot switch |                       |
| Optional Accessory       | Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, S.S. water tap*1, S.S. gas tap*1                        |                       |
| Package Size (W*D*H)     | 1240*1060*1880mm  | 1530*1060*1880mm      |
| Gross Weight             | 270kg   | 345kg                 |