



## Class II A2 Biological Safety Cabinet



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



**Iron hook support rod for panel support**



**Wind Speed Sensor & EC Fan**



**Cabinet Support Block**  
Easy to lift, prevent hand pressing



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



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

## ADVANTAGE

- 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.
- The 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 will be restored after power-on, and there will be visual prompts and alarms.
- 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 at the same time, 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
- The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly.

## TECHNICAL PARAMETERS

| Model                  | EA2-3F   | EA2-4F           | EA2-5F           | EA2-6F           |
|------------------------|--|------------------|------------------|------------------|
| External Size (W*D*H)  | 1100*800*2200mm  | 1300*800*2200mm  | 1500*800*2200mm  | 1800*800*2200mm  |
| Internal Size (W*D*H)  | 940*600*660mm  | 1150*600*660mm   | 1350*600*660mm   | 1625*600*660mm   |
| Tested Opening         | Safety height 200mm (8")   |                  |                  |                  |
| Max Opening            | 440mm  |                  |                  |                  |
| Inflow Velocity        | 0.53±0.025m/s  |                  |                  |                  |
| Downflow Velocity      | 0.33±0.025m/s  |                  |                  |                  |
| ULPA filter            | Two, 99.9995% efficiency at 0.12µm, filter life indicator  |                  |                  |                  |
| Front Window           | Manual and electric. Tempered glass≥5mm.Anti UV  |                  |                  |                  |
| Noise                  | ≤65 dB   |                  |                  |                  |
| UV Lamp                | 30W*1  | 30W*1            | 40W*1            | 40W*1            |
|                        | UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination   |                  |                  |                  |
| LED lamp               | 12W*2  | 14W*2            | 16W*2            | 16W*2            |
| Illumination           | ≥1000Lux   |                  |                  |                  |
| Consumption            | 600W   | 800W             | 1300W            | 1300W            |
| Waterproof Sockets     | Two, total load of two sockets: 500W   |                  |                  |                  |
| Display                | LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc. |                  |                  |                  |
| Control System         | Microprocessor   |                  |                  |                  |
| Airflow System         | 70% air recirculation, 30% air exhaust   |                  |                  |                  |
| Visual and Audio Alarm | Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm   |                  |                  |                  |
| Material               | Work Zone: 304 stainless steel<br>Main Body: Cold-rolled steel with anti-bacteria powder coating   |                  |                  |                  |
| Work Surface Height    | 750mm (Size can be customized according to the requirements)   |                  |                  |                  |
| Caster                 | Footmaster caster  |                  |                  |                  |
| Power Supply           | AC220V 50/60Hz; 110V 60Hz  |                  |                  |                  |
| Standard Accessory     | LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs, EC Fan  |                  |                  |                  |
| Optional Accessory     | Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf  |                  |                  |                  |
| Gross Weight           | 258kg  | 291kg            | 333kg            | 408kg            |
| Package Size (W*D*H)   | 1230*1060*1840mm   | 1430*1060*1840mm | 1630*1060*1840mm | 1730*1060*1840mm |