



## EC Series Class II A2 Biological Safety Cabinet



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



**Remote Control**  
All functions can be realized with it, making the operation much easier and more convenient.



**Foot Switch**  
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



**Anti-paper dust structure**



**Wind Speed Sensor & EC Fan**



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



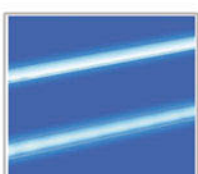
**Stepper Motor and Handle**  
The front window can be controlled manually or electrically



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



**Iron hook support rod for panel support**



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

## ADVANTAGE

1. 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.
2. The power-on password can be set to prevent mis-operation by irrelevant personnel.
3. Automatically adjust the wind speed.
4. Power-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
5. Interlocking function: UV lamp and front window; UV lamp and fan; fan and front window.
6. 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.
7. The rear of the operating area is equipped with anti-paper dust structure to prevent paper scraps from entering the air duct cavity.

## TECHNICAL PARAMETERS

|                        |                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  | EA2-2F                                                                                                                                                                                   |
| External Size (W*D*H)  | 700*700*2000mm                                                                                                                                                                           |
| Internal Size (W*D*H)  | 600*500*540mm                                                                                                                                                                            |
| Tested Opening         | Safety height 200mm                                                                                                                                                                      |
| Max Opening            | 360mm                                                                                                                                                                                    |
| 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                | 15W*1<br>UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination                                                                                    |
| LED Lamp               | 8W*2                                                                                                                                                                                     |
| Illumination           | ≥1000Lux                                                                                                                                                                                 |
| Consumption            | ≤500W                                                                                                                                                                                    |
| Waterproof Socket      | 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         | 70% air recirculation, 30% air exhaust                                                                                                                                                   |
| Visual and Audio Alarm | Filter replacement, window over height, abnormal air flow velocity, high filter pressure, abnormal power failure                                                                         |
| Material               | Work Zone: 304 stainless steel<br>Main Body: Cold-rolled steel with anti-bacteria powder coating                                                                                         |
| Work Surface Height    | 750mm with base stand                                                                                                                                                                    |
| Power Supply           | AC220V 50/60Hz; 110V 60Hz                                                                                                                                                                |
| Standard Accessory     | Cabinet*1, Base stand*1, LED lamp*2, UV lamp*2, Drain ball valve*1, Waterproof Socket*2, EC Fan, Foot switch, Remote control                                                             |
| Optional Accessory     | Water and gas tap, Electric height adjustable base stand, Armrest                                                                                                                        |
| Package Size (W*D*H)   | Carton: 820*880*1470mm                                                                                                                                                                   |
| Gross Weight           | 172kg                                                                                                                                                                                    |