



## EC Series Class II B2 Biological Safety Cabinet



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

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**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

- 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-failure memory function, the state before power-failure 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 or 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, LED 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	EB2-3F	EB2-4F	EB2-5F	EB2-6F
External Size (W*D*H)	1100*800*2250mm	1300*800*2250mm	1500*800*2250mm	1800*800*2250mm
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	460mm			
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 253.7 nanometers for most efficient decontamination			
LED Lamp	12W*2	14W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	800W	850W	1300W	1300W
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 down flow velocity, filter life, humidity and temperature, system working time etc.			
Control System	Microprocessor			
Airflow System	0% air recirculation, 100% 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 Main Body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height	770mm (Can be customized)			800mm (Can be customized)
Caster	Footmaster caster			
Power Supply	AC220V 50/60Hz; 110V 60Hz			
Standard Accessory	LED lamp 2pcs, UV lamp 2pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs, EC Fan, Exhaust blower, Exhaust duct, Remote control			
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest			
Gross Weight	296kg; 58kg	329kg; 63kg	366kg; 63kg	431kg; 72kg
Package Size	Main Body 1230*1060*1840mm Exhaust Blower (W*D*H) 930*800*700mm	1430*1060*1840mm 930*860*740mm	1630*1060*1840mm 930*860*740mm	1930*1060*1840mm 930*860*740mm