



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.

E-mail: export@biobase.com



Iron hook support rod for panel support



Support Hook
The countertop can be raised for easy cleaning of the collection tank



Cabinet Support Block
Easy to lift, prevent hand pressing



Anti-paper dust structure



Wind Speed Sensor & EC Fan



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



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



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



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Footmaster Caster
Universal caster with brake and leveling feet.

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-failure memory, restore the state before power-failure, and have a visual reminder to alarm.
- Interlocking function: UV lamp and front window; UV lamp and fan; 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 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	EA2-3F	EA2-4F	EA2-5F	EA2-6F	EA2-7F
External Size (W*D*H)	1100*800*2200mm	1300*800*2200mm	1500*800*2200mm	1800*800*2200mm	1950*800*2250mm
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm	1800*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	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	12W*4
Illumination	≥1000Lux				
Consumption	600W	800W	1300W	1300W	1700W
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	Microprocessor				
Airflow 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 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, Remote control				
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest				
Gross Weight	284kg	316kg	355kg	420kg	455kg
Package Size (W*D*H)	1230*1060*1840mm	1430*1060*1840mm	1630*1060*1840mm	1930*1060*1840mm	2080*1060*1840mm