



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.

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 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 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



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.