



# ES-NSF49-1300

Certified Class II B2  
Biological Safety Cabinet



LABORATORY



## Advantage

- Motorized front window.
- HEPA filter life and UV life indicator.
- Automatic air speed adjustable with filter block.
- With memory function in case of power-failure.
- Work area surrounded by negative pressure, it can ensure maximum safety in work area.
- Most accessories are standard, which saves your money. There is no need to pay more.
- Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc).
- Remote control. All functions can be realized with it, making the operation much easier and more convenient.
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window.



### Work Zone

Work zone, made of 304 stainless steel, is surrounded by negative pressure.



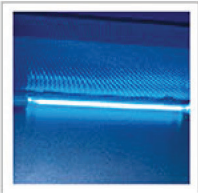
### Remote Control

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



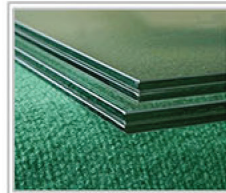
### Footmaster Caster

Universal caster with brake and leveling feet



### UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



### Front Window

Two-layer laminated toughened glass >5mm, anti UV



### Waterproof Socket

2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.



### LCD Display



## Features

External Size(W*D*H)	1383×775×2325mm
Internal Size(W*D*H)	1210×600×660 mm
Tested Opening	Safety height 200mm (8")
Max Opening	550mm(22")
Exhaust Airflow Volume	100%:1320m <sup>3</sup> /h(776cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV
HEPA Filter	Two, 99.9999% efficiency at 0.3um, filter life indicator
Filter Guard Type	Aluminum alloy frame
Noise	NSF 49≤67 dB/EN 12469≤65dB
Illumination	≥1000Lux
Display	LCD Display
Waterproof Socket	2, Total consumption:≤500W
Tap	Water tap*1, Gas tap *1
Ground Resistance	≤ 0.10Ω
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689
Consumption	300w
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.
DC Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable,high efficiency and low power consumption
Material	Working area: 304stainless steel/Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating
UV Lamp	30W
	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
Illuminating Lamp	18W*2
	LED lamp



## Accessories and package

Standard Accessory	Illuminating lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, Remote control
Package Size (W*D*H)	1540*1080*1950mm
Gross Weight	350Kg



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