



Class II B2 Biological Safety Cabinet



LCD Display
Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.

ADVANTAGE

1. Time reserve function.
2. Motorized front window.
3. HEPA filter life and UV life indicator.
4. Automatic air speed adjustable with filter block.
5. With memory function in case of power-failure.
6. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
7. Most accessories are standard, which saves your money. There is no need to pay more.
8. Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc).
9. Remote control. All functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window
11. Foot switch. Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

TECHNICAL PARAMETERS

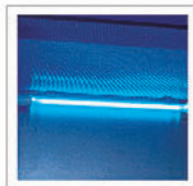
Model	ISC-1500IIB2-X	
Internal Size (W*D*H)	1350*600*660mm	
External Size (W*D*H)	1500*760*2250mm	
Tested Opening	Safety Height 200mm(8")	
Max Opening	420 mm (17")	
Inflow Velocity	0.53±0.025m/s	
Downflow Velocity	0.33±0.025m/s	
Pre-Filter	Washable	
HEPA Filter	Two, 99.999% efficiency at 0.3µm, filter life indicator.	
Front Window	Motorized, two-layer laminated toughened glass ≥ 5mm, anti UV	
Noise	NSF 49 ≤ 61dB / EN 12469 ≤ 58dB	
UV Lamp	40W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.	
Illuminating Lamp	LED lamp 16W*2	
Illumination	≥1000Lux	
Consumption	900W	
Waterproof Sockets	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	0% air re-circulation, 100% air exhaust	
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height	
Exhaust Duct	4 meters PVC duct, Diameter:300mm	
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating	
Work Surface Height	750mm	
Caster	Footmaster caster	
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	Illuminating lamp, UV lamp*2, base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets*2, pipe strap*2	
Optional Accessory	Water and gas tap, Electric height adjustable base stand	
Gross Weight	302kg	
Package	Main Body	1650*990*1810mm
	Exhaust Blower (W*D*H)	970*810*630mm



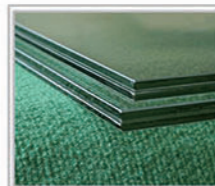
Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



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



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



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



Footmaster Caster
Universal caster with brake and leveling feet



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



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



Exhaust Blower
Centrifugal fan, speed adjustable.