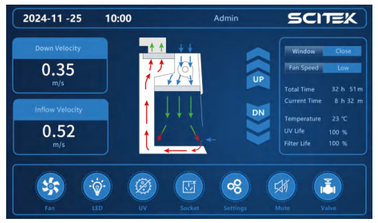
Class II B2 Biological Safety Cabinet

CE



Safety Performance

- UV sterilization function and timing function can be set by appointment.
- Automatic air speed adjustable.
- With memory function in case of power-failure.
- Audio and visual alarm (Abnormal airflow velocity, filter failure, UV lamp failure, Front window at unsafe height).
- Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; Blower and front window.



7" LCD Touch Screen

(Real-time monitoring and display Front window status/Air velocity/Date/Time/Temperature/Filter and UV lamp life/System working status etc.)



Air Velocity Sensor



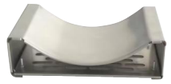
Electric Air Valve Control



Foot Switch

Single click controls the front window to up and down;

Double click in a row will control the front window to up to the top or down to the bottom.



Arm Rest (Optional)





● Perforations on all four sides.

Four sides are negative pressure, Air flow is more uniform, with higher safety factor.

User friendly design:

● Removable Work Zone, 304 Stainless Steel.
Easy to pull out, convenient for cleaning and disinfection.

● Bracket under the work surface panel.
Easy to lift the work surface panel for cleaning

● Dish type work surface panel,with stainless steel liquid collecting tank.
Anti-corrosion, prevent liquid leakage, improve biosafety and easy to clean.

Advantage

- Standard with air velocity sensor. Real-time monitoring and display air velocity.
- Standard with foot switch.Controls the front window to up and down.
- Standard with electric air valve control. It can be controlled through the LCD touch screen.
- Standard with RS485 interface.
- Depth of the cabinet is reduce to 780mm.Better access to the door of laboratory room.
- Unibody design for front panel.Better sealing and safer than the splice style front panel.
- Base stand with foot support for operator comfortable operation.
- Safety login system: three-level authority, control,function setting, parameter setting and hierarchical menu entry can be performed.
- Optional LED lamp with adjustable brightness.

Specification

Model		BSC-IIB2-1100	BSC-IIB2-1400	BSC-IIB2-1500	BSC-IIB2-1800
External Size (W×D×H)(mm)		1050×780×2180	1400×780×2180	1500×780×2180	1800×780×2180
Internal Size (W×D×H)(mm)		950×626×600	1300×626×600	1400×626×600	1700×626×600
Tested Opening		Safety height 200mm (8”)			
Max.Opening		400mm			
Work Surface Height		800mm			
Control System	Display	7" LCD touch screen			
	Alarm	Abnormal airflow velocity, ULPA filter failure, UV lamp failure, Front window at unsafe height			
Airflow System	Airflow Mode	100% air exhaust			
	Downflow Velocity	0.35m/s±0.025m/s			
	Inflow Velocity	0.52m/s±0.025m/s			
	Inflow Air Volume	355m³/h (209CFM)	486m³/h (286CFM)	524m³/h (309CFM)	636m³/h (375CFM)
	Downflow Air Volume	718m³/h (423CFM)	983m³/h (579CFM)	1058m³/h (623CFM)	1285m³/h (757CFM)
	Exhaust Air Volume	1073m³/h (632CFM)	1469m³/h (865CFM)	1582m³/h (932CFM)	1921m³/h (1131CFM)
Air Filtration System	ULPA Filter	2pcs ULPA filter, ≥99.9995% efficiency at 0.1~0.3 μm, filter life indicator			
	Cleanliness Grade	Class 10 (ISO14644.1 Class 4)			
Cabinet Construction	Main Body	Electro-galvanized steel with antimicrobial Powder Coating			
	Work Surface	304 stainless steel			
	Front Window	Motorized, Two-layer laminated toughened glass ≥ 5mm. Anti UV.			
Electrical System	UV Lamp	20W×1	30W×1	30W×1	40W×1
		Emission of 253.7 nanometers for most efficient decontamination,UV life indicator, UV timer.			
	LED Lamp	16W×2	20W×2	20W×2	20W×2
	Max.Consumption	1550W (Not include socket loading power consumption)			
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz			
Illumination		≥1000Lux			
Sound Emission		≤65dB(A)			≤67dB(A)
Vibration of Work Surface		≤5μm			
Standard Accessory		1.Base Stand; 2.Air Velocity Sensor; 3.ULPA FIlter; 4.LCD Touch Screen; 5.LED Lamp×2; 6.UV Lamp×1; 7.Waterprof Socket×2; 8.Footmaster Caster; 9.Foot Switch; 10.Electric Air Valve Control; 11.RS485 interface; 12.Exhaust Blower; 13.9m Exhaust Duct (Φ305mm); 14.Magnetic file folder.			
Optional Accessory		1.LED Lights With Adjustable Brightness; 2.Gas Tap; 3.Water Tap; 4.IV Bar With Hooks; 5.Manual Adjustable Base Stand; 6.Arm Rest; 7. Side Windows.			
Net Weight (kg)		289.5	323	350	430
Gross Weight (kg)		346	404	435	550
Shipping Size (W×D×H)(mm)	Main Unit	1150×1080×1710	1550×1120×1710	1650×1120×1710	1950×1120×1710
	Exhaust Blower	730×660×500	700×700×500	700×700×500	700×700×500
Shipping Volume (m³)		2.6	3.3	3.5	4