

ULPASAFE Biohazard Class II B, Total Exhaust with Sash Radiation Protection

- SASTEC ULPASAFE Biological Safety Cabinet Class II B is a made-in Malaysia product with advance technologies features. They are superior to most other established brand available in Malaysia.
- With Australian Certified blower. All material used are suitable for operation in cleanroom environment.
- Digital touch screen controller for the power, air flow speed, UV and fluorescent light.
- The controller comes with count down timer for UV light and ULPA filter enable operator replace UV light and ULPA filter when reach setting time thus enable the activation of UV light function to sterile the works surface.
- The UV fuction will be disconnected when the sash is being lifted and the motor blower will resume the normal function.
- Filter is mounted and protected by aluminium frame work with gasket to provide leak-free condition.
- Pre warm-up and delay shut down
- With user password
- Real time and date
- Self-diagnosis
- Australian Certified blower
- Stainless steel interior
- Explosion proof front sash
- Front sash height alarm
- Intellegent UV Cut-off function when glass sash is in closed position.
- Automatic shut down if ULPA Filters fails or break
- Work top constructed with AISI 304 stainless steel, chip and rust free also removable one piece work top
- Internal one piece stainless steel with rounded corners
- Standard features with 2 electrical sockets, gas tap, UV Light, Fluorescent light and stand
- 12 months warranty period against manufacturer's defect on non consumable parts.
- Supply with test report.



Sash Radiation Protection

- Sash Open/Close is motorized system
- Alarm system for warning when sash opened more than 200mm
- Shielding against Gamma & Beta particles (12mm thick)
- UV Safe Poycarbonate (6mm thick)

Specification of ULPASAFE Biohazard Class II B with Sash Radiation Protection

Model	ULPASAFE IIB 3FT	ULPASAFE IIB 4FT	ULPASAFE IIB 5FT	ULPASAFE IIB 6FT
Power (W)	315W	315W	315W	315W
Voltage	220V 50Hz			
Vibration	< 3um	< 3 um	< 3 um	< 3 um
Noise Level	< 60 dB(A)	≥60 dBa	<62 dB(A)	<62dB(A)
Control System	Touch Screen			
Fluorescent Light	Intensity >1150 Lux			
Overall Dimension (W x D x H) mm	989 x 794 x 2050	1289 x 794 x 1050	1589 x 794 x 2050	1889 x 794 x 2050
Working Zone (W x D xH) mm	920 x 712 x 585	1220 x 712 x 585	1520 x 712 x 585	1820 x 712 x 585
Weight	150 kg	180 kg	210 kg	250 kg
Construction	Top Hood	Chemical Resistant & E.G Steel		
	Sash	Radiation Protection: Gamma/Beta & UV Safe		
	Work Base/Hood Wall	Stainless Steel AISI 304		
Touch Screen Operating Panel	Security	User Password		
	Self	Auto		
	Diagnosis	Auto		
	Air Status	Air Save		
	ULPA Filter	Count Down Hour		
	6,000 Hours	Count Down Hour		
	Over Sash (>200mm)	Warning Screen & Alarm		
	Filter Fail or Break	Warning Screen		
	Real Time and Date	Yes		
Filter	Working Time	Yes		
	Safety Shut Down	Yes		
	Main Filter	ULPA		
	Filter Efficiency	99.9995% (0.1um-0.2um)		
	Exhaust Filter	ULPA		
Air Flow System	Filter Efficiency	99.9995% (0.1um-0.2um)		
	Downflow Velocity	0.45 ±0.015 m/s		
	Inflow Velocity	0.65 ±0.015 m/s		
	Air Circulation	0%		
	Exhaust	100%		
Inside Volume of Working Space	0.383 m ³	0.508 m ³	0.633m ³	0.758 m ³