



Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



STERISAFE MAX

Biological Safety Cabinets



Scope of Application

Suitable for microbiology, biomedicine, biosafety laboratories and other laboratories. It offers three levels of protection-operator, product and environment

Innovative Design

- Double ULPA exhaust filters
- Convenient partitioned workbench
- Low noise and uniform airflow
- Bright side glass windows
- Energy saving fans

Product Advantages



ULPA Filter System

Adopts two ULPA exhaust filters while HR900/1200-IIA2-D adopts one ULPA exhaust filter to provide three levels of protection: operator, product and environment.



UV Lamp

Ultraviolet light can be reserved and set automate on/off time. The sterilization time interval from 0 to 24 hours, reducing downtime.



Low Noise and Uniform Airflow

- Dual DC fans operate with lower noise and Better uniformity airflow.
- The power of double fans is less than 300W, low energy consumption.



LCD Screen

- Displays real time operating parameters, filters Life cycles and other critical parameters.
- Equipped with multiple audible and visual alarm functions.

Ergonomic Design



10° Inclination Design of Cabinet Body

The front operation interface has an ergonomic design of 10 ° inclination to ensure more comfortable operation.



Debris Grid

Debris grid catches debris such as paper scrap to damage negative pressure zone.



Side Glass Windows

Tempered glass side walls increase visibility and prevents the operator from experiencing a "boxed-in" feeling



Drop-down Glass Door

Drop-down glass door is easy to clean.



Partitioned Workbench

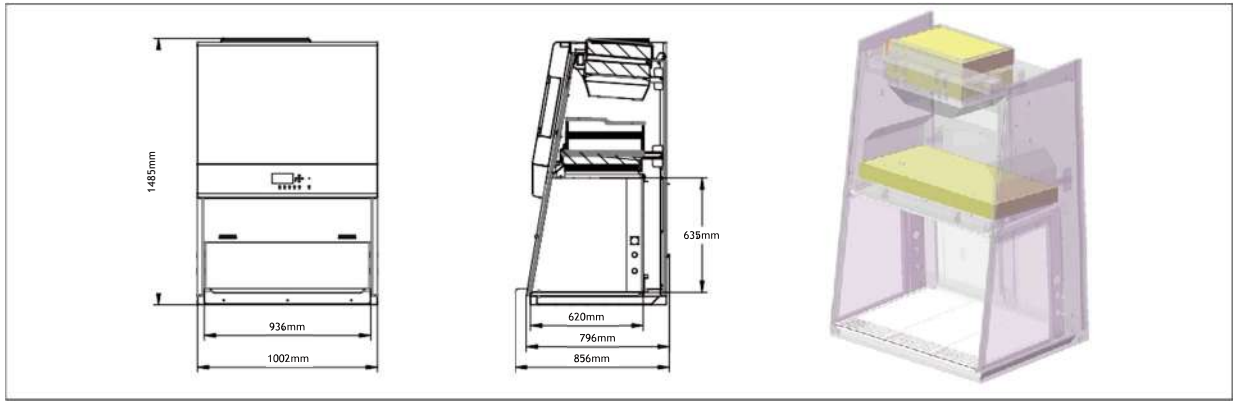
Easy to lift and clean which can be directly placed into the autoclave.



Raised Arm Rest

- Helps prevent grille blocking. Comfortable
- working posture.

Product Dimensions



Electrical glass door motor (optional)
Make the user procedure more comfortable

Dual DC Fan
Two fans ensure the air flow in the safety cabinet is stable.
Energy saving and low noise

Side glass windows
Tempered glass side walls increase visibility and prevents the operator from experiencing a "boxed-in" feeling

4 Valve interfaces
Convenient for users to use water, gas, air, etc.

Adjustable stand (optional) Support stand can be adjusted from 680 to 900mm

Legs and casters
(part of the optional stand)
Universal casters with built-in treaded supporting legs for easy moving and leveling

Filters

ABS-SSM900/1200-IIA2-D equipped with two ULPA exhaust filters, U15,99.9995%@0.12um

LCD Screen

Displays real time operating parameters, filters lifecycles and other critical parameters
Audible and visual alarm function

2 Electrical Sockets

Waterproof sockets with timing technology allows users to program timed on/off function

Cabinet Construction

Three piece stainless steel work surface without screws

Workbench

Partitioned workbench is easy to sterilize and clean

Foot Switch (Optional)



Specifications



Model		ABS-SSM900-IIA2-D	ABS-SSM1200-IIA2-D	
General Specifications	Power Supply(V/Hz)	220-240/50/60	220-240/50/60	
	Power(VA)	1500	1500	
	Power of Blower(W)	DC 120W EC170W	DC 120W EC170W	
	Airflow Circulation	70% Downflow,30% Exhaust	70% Downflow,30% Exhaust	
	Main Filter Typical Efficiency	ULPA ,U15,99.9995%@0.12um	ULPA ,U15,99.9995%@0.12um	
	Exhaust Filter Typical Efficiency	ULPA×2,U15,99.9995%@0.12um	ULPA ,U15,99.9995%@0.12um	
	Exhaust Filter	Double	Double	
	Filter's Brand	AAF	AAF	
	Down flow Velocity(m/s)	0.3	0.3	
	Inflow Velocity(m/s)	0.45	0.45	
	Lighting Intensity (Lux)	≥1000	≥1100	
	Sound Level(dB(A))	58	58	
Dimensions	Net/Gross Weight	kg	290/320	320/360
		lbs	639/705	705/793
	Internal Dimensions(W*D*H)	mm	936*620*635	1310*620*630
		in	36.9*24.4*25	51.5*24.4*25
	External Dimensions(W*D*H) (Width without Arm Rest)	mm	1002*856(796)*1485	1380*845*2160
		in	39.5*33.7(31.3)*58.5	54.0*33.3*85.3
	Support Stand(mm)	680-900mm adjustable height		680-900mm adjustable height
Sash Opening(mm)	200(Max 490)		200(Max 490)	
Alarm Functions	Alarm	Sound and Flash		Sound and Flash
	Closing Fan Alarm After Door Opening	Y		Y
	Door Ajar	Y		Y
	Abnormal Inflow	Y		Y
	Abnormal Down flow	Y		Y
	Door Open More than Limit	Y		Y
	Filter Clogging	Y		Y
	Filter Damage	Y		Y
	Filter Lifetime Lack	Y		Y
UV light Lifetime Lack	Y		Y	
Accessories	UV Lamp	Y		Y
	Socket	2 Sockets		2 Sockets
	Valve Port	Optional		Optional
	Side Wall Service Taps	Optional gas tap, vacuum tap, compressed air tap and water tap		Optional gas tap, vacuum tap, compressed air tap and water tap
	Antimicrobial Powder Coating	Optional		Optional
	316SS Work Surface	Optional		Optional
	Work Surface	Three-piece		Three-piece
	Touch Screen	N		N
	Motorized Window	Optional		Optional
	Foot Switch	Optional		Optional
	Armrest	Y		Y
Exhaust Duct Connection Kits	Optional		Optional	
Others	Certification	CE,EN12469,Compliance to NSF49	CE,EN12469,Compliance to NSF49	

Note: Product appearance and specifications are subject to change without notice



ADVANCE BIOTECH SOLUTIONS INDIA PRIVATE LIMITED

(ADVANCE TECHNOLOGIES, EFFECTIVE SOLUTIONS)

311, Vardhman Key Point Plaza, Plot No.1, Local Shopping Centre, Sector-6, Dwarka, Near DAV Public School
New Delhi-110 075 Ph: 011-25074703/25050521, Email Id: - skp@absipl.in, Website: - www.absipl.in