Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)

(An ISO 9001:2015 Certified Company)

MADE IN INDIA

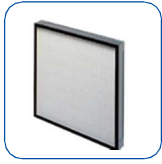MADE IN INDIA

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
- Low noise and uniform airflow
- Convenient partitioned workbench
- 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 air flow.
- 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

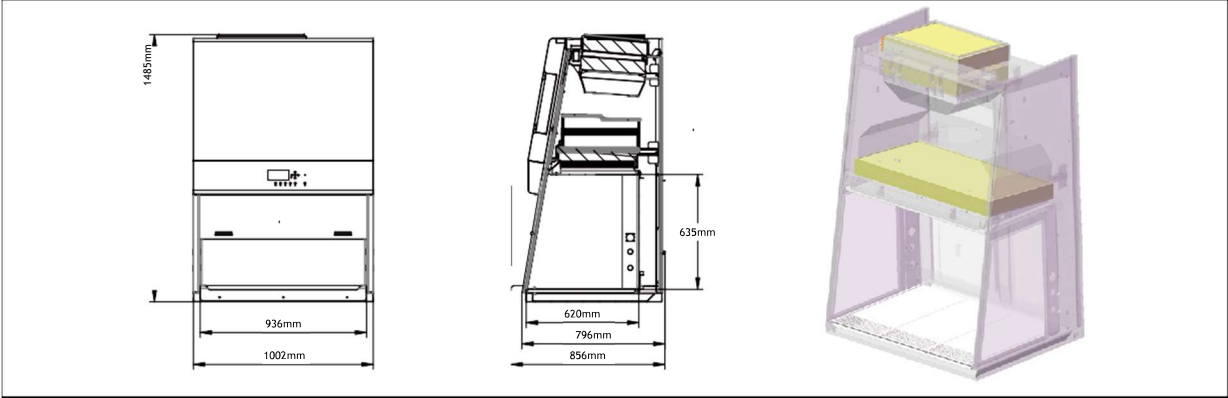Drop-down glass door is easy to clean.

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.

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

Product Dimensions

1485mm
936mm
1002mm
620mm
796mm
856mm
635mm

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 from680 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)

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Product Features

Equipped with dual DC centrifugal fans, ensure the air flow in the safety cabinet is stable and less noisy. The wind speed is easy to adjust.

The ergonomic 10° inclination of the cabinet makes the operation more comfortable and the vision clearer.

The hot-ball anemometer monitors the wind speed in the working area and exhaust area of the safety cabinet in real time, then compares this with the standard wind speed. The rotating speed of the fan is adjusted through the microprocessor system to maintain the constant wind speed of the safety cabinet.

Equipped with an ultra-high efficiency filter to provide air flow with ultra-high cleanliness in the working area, reaching the US standard Fed STD 209E class 1.

It is equipped with waterproof socket timing function.

LCD screen:
Digital display of running status, abnormal operation conditions alarm, filter and UV lamp service life warning function, UV lamp timing function and interlock technology.

Plain type worktable, large basin.

Adjustable height stand (optional)

Universal casters with built-in threaded support feet.

One-piece arm rest, comfortable to use and relieves fatigue.

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Specifications

Model		ABS-SSM900-IIA2-D/N	ABS-SSM1200-IIA2-D/N
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

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ADVANCE BIOTECH SOLUTIONS INDIA PRIVATE LIMITED
(ADVANCE TECHNOLOGIES, EFFECTIVE SOLUTIONS)

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