









BIOLOGICAL SAFETY CABINET

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NOTE: The color of the actual product may differ from the color pictured in this catalog due to printing limitation.





BIOLOGICAL SAFETY CABINET CLASS I LBSC-100 SERIES

Labocon Biological Safety Cabinet Class I LBSC-100 a negative-pressure ventilated cabinet providing personnel and environmental protection for handling of low risk aerosols and particulate matter. It is operated with an open front and a minimum face velocity at the work opening of at least 75 linear feet per minute (Ifpm). The air flows through the cabinet carrying contaminants with it, exiting through a HEPA filter, either into the laboratory or to outside.



FEATURES

- Stable air flow system providing personnel and environmental protection
- Negative air pressure provides personnel protection by constant movement of air in working area
- HEPA Filter protects environment by filtering air before it is exhausted
- UV lamp for sterilization
- Soft touch control panel with LCD display
- Stainless Steel 304 table for operation
- Low noise and high energy efficiency for operational cost savings
- Optional:
 - ▶ Infrared Sterilizer
 - ▶ Air Curtain Tester
 - Formalin Fumigation Sterilizer
 - Ammonium Hydrogen Carbonate Neutralizer
 - Armrest



APPLICATION

Labocon Biological Safety Cabinet Class I is designed to meet diverse applications in life science, clinical, microbiology, genetics, plant and animal cell culture, molecular biology, pharmaceutical and industrial laboratory.





Model	LBSC-101 LBSC-102 LBSC-103		L	.BSC-104			
Туре	Class I						
Chamber Material	Poly Methyl Methacrylate (PMMA)			Cold-r	Cold-rolled steel coated with anti-bacteria powder		
HEPA Filter	1						
HEPA Filter Efficiency	99.999% efficiency at 0.3 µm						
Air Flow Velocity			0.3	8m/s ~ C).6m/s		
Minimum Face Velocity	75 linear feet per minute (Ifpm)						
Noise Level	<55 dB				<60 dB		
Fluorescent Lamp	15Wx1		18Wx1		14Wx2		21Wx1
UV Lamp	15Wx1		18Wx1		20Wx1		20Wx1
Work Surface Height	Benchtop Type				740 mm		
Base Stand	None					Colo	l-rolled steel
Caster	None				Univ	ersal Wheel	
Standard Accessory	Fluorescent Lamp, UV Lampx2					scent Lamp, UV <2, Base Stand	
Inner Dimension	540x385x450 mm		680x450 mm		768x690x580 mm	968	3x695x630 mm
Overall Dimension	550x395x730 mm		700x550x900 mm		900x695x1080 mm	1100x695x1924 mm	
Power	150 W		160 W		180 W	400 W	
Power Supply	240 V, 60 Hz						
Weight	40 kg 60 kg		kg	100 kg			150 kg
Catalog No.	9503101128	03101128 9503102128		9503103128			9503104128





BIOLOGICAL SAFETY CABINET CLASS II-200 SERIES

Labocon Biological Safety Cabinet Class II Type A2 LBSC-200 Series is designed with inward air flow velocity (0.55m/s) for personnel protection, HEPA- filtered laminar airflow for product protection and HEPA-filtered exhausted air for environmental protection. It is suitable for microbiological research in the absence of volatile or toxic chemicals and radionuclide, since air is recirculated within the work area.



FEATURES

- Two-layered marinated toughened glass (≥5mm) motorized front window
- Negative air pressure provides personnel protection by constant movement of air in working area
- Remote control operation including front sash movement and fan speed control
- Motored front window with timer function
- Digital LCD display for easy monitoring of all parameters
- Emission of 253.7 nm for highly efficient decontamination
- Foot switch to adjust the height of the front window
- 2 waterproof sockets located in side panel
- Air speed adjustable by control panel
- Collecting tank (4000 ml) collects spatters of working area without any leakage
- Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing
- Air drawn into the cabinet through air grill
- Filter Life Indicator: Pressure value displayed to show life utility of main filter
- Stainless Steel 304 table for operation
- Low noise and high energy efficiency for operational cost savings
- Interlock function: UV lamp and front window, UV lamp and blower, fluorescent lamp, blower and front window
- Audio and visual alarm for filter replacement, front window over height and abnormal airflow
- Optional:
 - Airflow Tester
 - ▶ Infrared Sterilizer
 - ► Formalin Fumigation Sterilizer
 - Armrest



APPLICATION

Labocon Biological Safety Cabinet Class II is designed to meet diverse applications in life science, clinical, microbiology, genetics, plant and animal cell culture, molecular biology, pharmaceutical and industrial laboratory.





Model	LBSC-201	LBSC-202	LBSC-203	LBSC-204	LBSC-205	
Туре	Class II, Typ					
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating					
HEPA Filter			2	-		
HEPA Filter Efficiency		99.9	99% efficiency at C).3 µm		
Air Flow System	70% Air Recirculation, 30% Air Exhaust					
Inflow Air Velocity	0.53 ± 0.025 m/s (105 lfpm)					
Down Flow Air Velocity	0.33 ± 0.025 m/s (70 lfpm)					
Inflow Air Flow Volume (m³/h)	359	420	515	653	687	
Down Flow Air Flow Volume (m³/h)	516	772	717	949	1042	
Exhaust Air Flow Volume (m³/h)	359	420	515	653	687	
Minimum Face Velocity	75 linear feet per minute (lfpm)					
Clean Level	100					
Tested Opening	Safety Height ≤ 200 mm					
Max Opening	400 mm					
Noise Level	≤ 58dB(A) - ≤65dB(A)					
Illumination	800 Lux 1200 Lux					
UV Lamp	181	Wx1	30Wx1	40	Wx1	
Fluorescent Lamp	21\	Vx2	28Wx2	40Wx2	40Wx1	
Display	VFD LCD					
Control System	Microprocessor					
Work Surface Height	750 mm					
Water & Gas Tap	Water Tapx1, Gas Tapx1 (Optional)					
Filter Guard Type	Aluminium Alloy Frame					
Caster	Universal Wheel with brake and levelling feet					
Ground Resistance	<0.1Ω					
Standard Accessory	Fluorescent Lamp, UV Lampx2, Remote Control, Foot Switch, Drain Valve, Waterproof Sockets, Base Stand				lve, Waterproof	
Inner Dimension	940×600×660 mm	1100×600×660 mm	1300×700×630 mm	1710×600×660 mm	1800×600×660 mm	
Overall Dimension	1100×750×2250 mm	1300×850×2200 mm	1500×840×2280 mm	1870×750×2290 mm	1950×800×2305 mm	
Power	760 W	1060 W	1300 W	1350 W	1700 W	
Power Supply			240 V, 60 Hz			
Weight	255 kg	305 kg	350 kg	390 kg	420 kg	
Catalog No	9503105128	9503106128	9503107128	9503108128	9503109128	





BIOLOGICAL SAFETY CABINET CLASS II-300 SERIES

Labocon Biological Safety Cabinet Class II Type A2 LBSC-300 Series is designed with inward air flow velocity (0.55m/s) for personnel protection, HEPA-filtered laminar airflow for product protection and HEPA-filtered exhausted air for environmental protection. It is suitable for microbiological research in the absence of volatile or toxic chemicals and radionuclide, since air is recirculated within the work area.



FEATURES

- Two-layered marinated toughened glass (≥5mm) motorized front window
- Negative air pressure provides personnel protection by constant movement of air in working area
- Remote control operation including front sash movement and fan speed control
- Motored front window with timer function
- Digital LCD display for easy monitoring of all parameters
- Vacuum fluorescent display (VFD) display demonstrates various colors and can work continuously for 30,000 h (LBSC-305)
- Emission of 253.7 nm for highly efficient decontamination
- Foot switch to adjust the height of the front window
- Centrifugal fan speed adjustable: H14 HEPA filter
- Collecting tank (4000 ml) collects spatters of working area without any leakage
- Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing
- Air drawn into the cabinet through air grill
- Filter Life Indicator: Pressure value displayed to show life utility of main filter
- Stainless Steel 304 table for operation
- Low noise and high energy efficiency for operational cost savings
- Audio and visual alarm for filter replacement, front window over height and abnormal airflow
- Optional:
 - Base stand
 - ► Ammonium Hydrogen Carbonate Neutralizer
 - ► Airflow Tester
 - ▶ Infrared Sterilizer
 - Formalin Fumigation Sterilizer
 - Armrest



APPLICATION

Labocon Biological Safety Cabinet Class II is designed to meet diverse applications in life science, clinical, microbiology, genetics, plant and animal cell culture, molecular biology, pharmaceutical and industrial laboratory.





Type Class II, Type A2 Chamber Material Cold-rolled steel coated with anti-bacteria powder coating HEPA Filter 2 HEPA Filter Efficiency 99.999% efficiency at 0.3 μm Air Flow System 70% Air Recirculation, 30% Air Exhaust Inflow Air Velocity 0.53 ± 0.025 m/s (105 lfpm) Down Flow Air Velocity 0.33 ± 0.025 m/s (70 lfpm) Air Flow Inflow 229 458 458 Volume Down Flow 311 628 663 (m³/h) Exhaust 229 458 458 Minimum Face Velocity 75 linear feet per minute (Ifpm) Clean Level Class 100 Tested Opening Safety Height ≤ 200 mm Max Opening 400 mm 480 mm	Model		LBSC-301	LBSC-302	LBSC-303			
Chamber Material Cold-rolled steel coated with anti-bacteria powder coating HEPA Filter 2 HEPA Filter Efficiency 99.999% efficiency at 0.3 μm Air Flow System 70% Air Recirculation, 30% Air Exhaust Inflow Air Velocity 0.53 ± 0.025 m/s (105 lfpm) Down Flow Air Velocity 0.33 ± 0.025 m/s (70 lfpm) Air Flow Inflow 229 458 458 Volume Down Flow 311 628 663 (m³/h) Exhaust 229 458 458 Minimum Face Velocity 75 linear feet per minute (Ifpm) Clean Level Class 100 Tested Opening Safety Height ≤ 200 mm 480 mm Max Opening 400 mm 480 mm Noise Level ≤ 60dB(A) ≤ 61dB(A) ≤ 58dB(A) - ≤65dB(A) Illumination ≥800 Lux ≥1000 Lux UV Lamp 18Wxl 30Wxl Fluorescent Lamp 14Wxl 40Wxl 14Wxl Display LCD LCD Control System Microprocessor								
HEPA Filter Efficiency HEPA Filter Efficiency Air Flow System 70% Air Recirculation, 30% Air Exhaust Inflow Air Velocity Down Flow Air Velocity 0.53 ± 0.025 m/s (105 lfpm) Down Flow Air Velocity 0.33 ± 0.025 m/s (70 lfpm) Air Flow Inflow 229 458 458 458 Volume Down Flow 311 628 663 (m³/h) Exhaust 229 458 458 Minimum Face Velocity 75 linear feet per minute (lfpm) Clean Level Class 100 Tested Opening Safety Height ≤ 200 mm Max Opening Max Opening 400 mm 480 mm Noise Level ≤ 60dB(A) Illumination ≥800 Lux ≥800 Lux ≥1000 Lux UV Lamp IBWxI Display LCD Control System Microprocessor Work Surface Height Front Window Mater & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Ground Resistance < 0.10Ω								
HEPA Filter Efficiency 99.999% efficiency at 0.3 μm Air Flow System 70% Air Recirculation, 30% Air Exhaust Inflow Air Velocity 0.53 ± 0.025 m/s (105 lfpm) Down Flow Air Velocity 0.33 ± 0.025 m/s (70 lfpm) Air Flow Volume Plow Inflow Down Flow Inflow Plow Bill Get Minimum Face Velocity 311			The second secon					
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Minimum Face Velocity 75 linear feet per minute (Ifpm) Clean Level Class 100 Tested Opening Safety Height ≤ 200 mm Max Opening 400 mm 480 mm Noise Level ≤ 60dB(A) ≤ 6ldB(A) ≤ 58dB(A) - ≤65dB(A) Illumination ≥800 Lux ≥1000 Lux UV Lamp 18Wx1 30Wx1 Fluorescent Lamp 14Wx1 40Wx1 14Wx1 Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω		Down Flow	311	628	663			
Clean Level Class 100 Tested Opening Safety Height ≤ 200 mm Max Opening 400 mm 480 mm Noise Level ≤ 60dB(A) ≤ 61dB(A) ≤ 58dB(A) - ≤65dB(A) Illumination ≥800 Lux ≥1000 Lux UV Lamp 18Wxl 30Wxl Fluorescent Lamp 14Wxl 40Wxl 14Wxl Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapxl, Gas Tapxl Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	(m³/h)	Exhaust	229	458	458			
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Max Opening 400 mm 480 mm Noise Level ≤ 60dB(A) ≤ 61dB(A) ≤ 58dB(A) - ≤65dB(A) Illumination ≥800 Lux ≥1000 Lux UV Lamp 18Wx1 30Wx1 Fluorescent Lamp 14Wx1 40Wx1 14Wx1 Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	Clea	n Level		Class 100				
Noise Level≤ 60dB(A)≤ 61dB(A)≤ 58dB(A) - ≤65dB(A)Illumination≥800 Lux≥1000 LuxUV Lamp18Wx130Wx1Fluorescent Lamp14Wx140Wx114Wx1DisplayLCDControl SystemMicroprocessorWork Surface Height750 mmFront WindowMotorizedWater $Θ$ Gas TapWater Tapx1, Gas Tapx1Filter Guard TypeAluminium Alloy FrameGround Resistance<0.10Ω	Tested	Opening		Safety Height ≤ 200 mm				
Illumination ≥800 Lux ≥1000 Lux UV Lamp 18Wx1 30Wx1 Fluorescent Lamp 14Wx1 40Wx1 14Wx1 Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	Max 0	Opening	400	mm	480 mm			
UV Lamp 18Wxl 30Wxl Fluorescent Lamp 14Wxl 40Wxl 14Wxl Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water 8 Gas Tap Water Tapxl, Gas Tapxl Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	Noise Level		≤ 60dB(A)	≤ 61dB(A)	≤ 58dB(A) - ≤65dB(A)			
Fluorescent Lamp 14Wx1 40Wx1 14Wx1 Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	Illum	ination	≥800 Lux	≥1000 Lux				
Display LCD Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	UV	Lamp	18Wx1	30Wx1				
Control System Microprocessor Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	Fluores	cent Lamp	14Wx1	40Wx1	14Wx1			
Work Surface Height 750 mm Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω	Dis	splay						
Front Window Motorized Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω		-	·					
Water & Gas Tap Water Tapx1, Gas Tapx1 Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω								
Filter Guard Type Aluminium Alloy Frame Ground Resistance <0.10Ω								
Ground Resistance <0.10Ω								
I Iniversal Wheel with brade None	Ground Resistance			1	N.			
Caster Yes	Caster		Yes		None			
Lampx2, Remote Control, Standard Accessory Lampx2, Remote Control, Foot Switch Drain Valve Control, Drain Valve,	Standard Accessory		Lampx2, Remote Control, Drain Valve, Waterproof	Fluorescent Lamp, UV Lampx2, Remote Control, Foot Switch, Drain Valve, Waterproof Sockets, Base	Fluorescent Lamp, Remote Control, Drain Valve, Waterproof Socketsx4, Base Stand			
Inner Dimension 600x500x540 mm 1380x750x2290 mm 1300x790x2310 mm	Inner Dimension		600x500x540 mm	1380x750x2290 mm	1300x790x2310 mm			
Overall Dimension 700x650x1230 mm 1220x600x660 mm 1200x600x770 mm			700x650x1230 mm	1220x600x660 mm	1200x600x770 mm			
Power 500 W 600 W 430 W	Po	ower			430 W			
Power Supply 240 V, 60 Hz	Powe	r Supply						
Weight 110 kg 310 kg 300 kg			110 kg	310 kg	300 kg			
Catalog No 9503110128 9503111128 9503112128		_			_			





Model		LBSC-304	LBSC-305	LBSC-306	LBSC-307		
Туре		Class II, Type A2					
Chamber Material		Cold-rolled steel coated with anti-bacteria powder coating					
HEPA Filter			2		ULPA Filter (2)		
HEPA Filter Efficiency		99.999% efficiency at 0.3 μm			99.999% efficiency at 0.1~0.2 µm		
Air Flow System			70% Air Recirculation, 3	0% Air Exhaust			
Inflow Air Velocity		0.53 ± 0.025 m/s (105 lfpm)			0.46 m/s± 0.025 m/s		
Down Flow	v Air Velocity		0.33 ± 0.025 m/s	(70 lfpm)			
Air Flow	Inflow	349	466	649	466		
Volume	Down Flow	519	828	949	678		
(m³/h)	Exhaust	349	466	649	466		
Minimum F	Face Velocity		75 linear feet per m	nute (lfpm)			
Clean Level			Class 100)			
Tested	Opening		Safety Height ≤ 2	200 mm			
Max Opening			400 mm				
Noise Level			≤ 60dB(A)				
Illumination			≥1000 Lux				
UV Lamp		18Wx1, 40Wx1	30Wx1	18Wx1, 40Wx1	30Wx1		
Fluorescent Lamp		40Wx1	28Wx2	40Wx2	28Wx2		
Display		LCD VFD LCD					
Control System		Microprocessor					
Work Surface Height		750 mm					
Front Window		Manual	Motorized	Manual	Motorized		
Water & Gas Tap		Water Tapx1, Gas Tapx1					
Filter Guard Type		Aluminium Alloy Frame					
Ground Resistance							
Caster			Universal Wheel with brake and levelling feet				
Standard Accessory		Fluorescent Lamp, UV Lampx2, Remote Control, Drain Valve, Waterproof Sockets, Stainless Steel water & Gas Taps, Base Stand					
Inner Dimension		1100x740x2308 mm	1220x665x650 mm	1886x750x2335 mm	1220x600x630 mm		
Overall Dimension		914x600x610 mm	1421x850x2180 mm	1700x600x610 mm	1370x760x2100 mm		
Po	ower	260 W	400 W	300 W	700 W		
Powe	r Supply						
We	eight	260 kg	330 kg	380 kg	400 kg		
Catalog No		9503113128	9503114128	9503115128	9503116128		





BIOLOGICAL SAFETY CABINET CLASS II-400 SERIES

Labocon Biological Safety Cabinet Class II Type A2 LBSC-400 Series is designed with inward air flow velocity (0.55m/s) for personnel protection, HEPA-filtered laminar airflow for product protection and HEPA-filtered exhausted air for environmental protection. It is suitable for microbiological research in the absence of volatile or toxic chemicals and radionuclide, since air is recirculated within the work area.



FEATURES

- Two-layered marinated toughened glass (≥5mm) motorized front window
- Negative air pressure provides personnel protection by constant movement of air in working area
- Remote control operation including front sash movement and fan speed control
- Motored front window with timer function
- Digital LCD display for easy monitoring of all parameters
- Collecting tank (4000 ml) collects spatters of working area without any leakage
- Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing
- Air drawn into the cabinet through air grill
- Filter Life Indicator: Pressure value displayed to show life utility of main filter
- Emission of 253.7 nm for highly efficient decontamination
- Foot switch to adjust the height of the front window
- Stainless Steel 304 table for operation
- Low noise and high energy efficiency for operational cost savings
- Audio and visual alarm for filter replacement, front window over height and abnormal airflow
- Optional:
 - ▶ Airflow Tester
 - ▶ Infrared Sterilizer
 - Formalin Fumigation Sterilizer
 - Armrest



APPLICATION

Labocon Biological Safety Cabinet Class II is designed to meet diverse applications in life science, clinical, microbiology, genetics, plant and animal cell culture, molecular biology, pharmaceutical and industrial laboratory.





Model	LBSC-401	LBSC-402	LBSC-403	LBSC-404		
Туре	Class II, Type B2					
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating					
HEPA Filter	2					
HEPA Filter Efficiency		99.999% effici	ency at 0.3 µm			
Air Flow System		0% Air Recirculation	n, 100% Air Exhaust			
Inflow Air Velocity			m/s (105 lfpm)			
Down Flow Air	0.33 ± 0.025 m/s (70 lfpm)					
Velocity		0.55 ± 0.025	111/3 (/O IIPI11)			
Minimum Face		75 linear feet pe	er minute (lfpm)			
Velocity		75 inteat rect p	er minate (iipm)			
Inflow Air Flow	359	420	515	637		
Volume(m³/h)			2.2			
Down Flow Air Flow	516	772	771	949		
Volume(m³/h)						
Exhaust Air Flow	875	1192	1286	1586		
Volume(m³/h)	Cofewyllaicht (200 mans					
Tested Opening	Safety Height ≤ 200 mm					
Clean Level	100					
Max Opening	400 mm					
Noise Level	≤ 58dB(A) - ≤65dB(A)					
Illumination	≥1000 Lux					
UV Lamp	20Wx1 30Wx1 40Wx1					
Fluorescent Lamp	21Wx1		28Wx1	35Wx2		
Display	VFD LCD VFD					
Control System	Microprocessor					
Work Surface Height Front Window	750 mm					
Water & Gas Tap	Motorized Water Tapx1, Gas Tapx1					
Filter Guard Type	Aluminium Alloy Frame					
Ground Resistance	<0.1Ω					
Caster	Universal Wheel with brake and levelling feet					
Chandard Assessment	Fluorescent Lamp, UV Lampx2, Remote Control, Foot Switch, Exhaust Blower (4 meter PVC					
Standard Accessory	Duct, 300mm Diameter), Exhaust Duct, Drain Valve, Waterproof Sockets, Base Stand					
Inner Dimension	940×600×660 mm	1100×600×660 mm	1350×600×620 mm	1600×670×630 mm		
Overall Dimension	1100×750×2250 mm	1300×850×2200 mm	1500×760×2250 mm	1800×840×2275 mm		
Power	1050 W	1350 W	1550 W	1900 W		
Power Supply		220 V,	60 Hz			
Weight	350 kg	360 kg	440 kg	470 kg		
Catalog No	9503117128	9503118128	9503119128	9503120128		





BIOLOGICAL SAFETY CABINET CLASS III-500 SERIES

Labocon Biological Safety Cabinet Class III-500 Series provides a physical barrier between biological agents and personnel. It is designed to work with level 4 pathogens. It involves a gas tight chamber with complete negative pressure inside and pair of gloves in operation area which prevents direct contact with the hazardous materials. The airflow is maintained by a dedicated exterior exhaust system.



FEATURES

- Two-layered marinated toughened glass (≥5mm) motorized front window
- Remote control operation including front sash movement and fan speed control
- Motored front window with timer function
- Front window is completely sealed with≥ 8 thickness
- Digital LCD display for easy monitoring of all parameters
- Emission of 253.7 nm for highly efficient decontamination
- Foot switch to adjust the height of the front window
- Stainless Steel 304 table for operation
- Low noise and high energy efficiency for operational cost savings
- Audio and visual alarm for filter replacement, front window over height and abnormal airflow



APPLICATION

Labocon Biological Safety Cabinet Class III-500 Series are widely used in different areas like handling of carcinogen chemicals, hazardous materials, studying of diseases and for extra protection against high risk of infectious agents.





Model		LBSC-501	D1 LBSC-502		
Туре		Class III			
Chamber Material		Epoxy coated cold-rolled steel			
Air Flow System		0% Air Recirculation, 100% Air Exhaust			
Air Velocity		More than 355 cfm			
Prefilter			Washable		
Negative Work Zone Pressure			-274 Pa		
Main Filter		Air Supply Filter: ULPA filter 99.999% efficient (0.1-0.3 μm)			
		First Exhaust Filter: ULPA filter 99.999% efficient (0.1-0.3 µm)			
		Second Exhaust Filter: ULPA filter 99.999% efficient (0.1-0.3 µm)			
Noise Level		≤65 dB			
Display		LCD			
Lighting		≥ 800 lux			
Pass Box Size	Internal size	390×380	×330 mm	400×390×340 mm	
rass box size	External size	480×400	×400 mm	480×400×400 mm	
Standard Accessory		Fluorescent Lamp, UV Lampx4, Pressure Meter, Remote Control, Drain Valve, Gloves			
Inner Dimension		750×560:	«600 mm	1240×650×650 mm	
Overall Dimension		1100×800	×1600 mm 1340×850×2100		
Power Supply		240V, 60Hz			
Catalog No.		9503	121128	9503122128	





BIOLOGICAL SAFETY CABINET MODELS



























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