



CLASS I BIOSAFETY CABINET

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Biolab Biological Safety Cabinet Class I series has an energy efficient design with low noise operation and corrosion free construction. Negative pressure ventilated cabinet operated with an open front and provides personnel protection. Air exiting the chamber is HEPA filtered to assure removal of contaminants.

Used in Microbiological, Laboratory, Genetics, Cell Biology, Molecular Biology, Plant, Animal Cell culturing, Research. Also known as Class I BSC, Biosafety Cabinet.

100 BIOLOGICAL SAFETY CABINET CLASS I



- Stainless Steel 304 table for operation
- HEPA Filter protects environment by filtering air before it is exhausted
- UV lamp for sterilization
- Soft touch control panel with LCD display
- Stable air flow system providing personnel and environmental protection
- Negative air pressure provides personnel protection by constant movement of air in working area
- Low noise and high energy efficiency for operational cost savings

SPECIFICATIONS

Model	BCBS-101	BCBS-102	BCBS-103	BCBS-104
Type	Class I			
HEPA Filter	99.995% efficiency at 0.3 μm			
Air Flow Velocity	>0.3 m/s	0.75 ~ 1.0 m/s	>0.3 m/s	0.75 ~ 1.0 m/s
UV Lamp	15Wx1 Emission of 253.7 nanometers for most efficient decontamination	20Wx1 Emission of 253.7 nanometers for most efficient decontamination	20Wx1 Emission of 253.7 nanometers for most efficient decontamination It has UV timer function and the display could indicate the UV life	
Illuminating Lamp	4Wx1 LED lamp	8Wx1 LED lamp		12x2 Fluorescent lamp
Main body construction	PMMA		Cold-rolled steel with anti bacteria powder coating, tempered glass	
Work Table	304 Stainless Steel			
Work Surface Height	/			750 mm
Caster	/			Universal Caster
Noise	≤60dB	≤55dB	≤60dB	≤67dB
Standard Accessory	LED lamp, UV lamp x2			Fluorescent lamp, UV lamp x2 , Base stand
Optional Accessory	Electric Height adjustable base stand			
Internal Size (WxDxH)	540x385x440 mm	680x540x500 mm	800x635x600 mm	968x625x630 mm
External Size (WxDxH)	550x395x730 mm	700x550x900 mm	900x713x1250 mm	1100x697x1900 mm
Package Size (WxDxH)	710x550x950 mm	870x720x1170 mm	1060x870x1140 mm	1260x860x2080 mm
Gross Weight	38 kg	68 kg	147 kg	185 kg
Power Consumption	150 W	160 W	400 W	350W
Power Supply	AC220V+10% 50/60Hz ; 110V+, 60Hz			

ACCESSORIES

Accessory Code	Name
6000606013	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2200606006	Infrared Sterilizer	150x95x210 mm	
2200606007	Airflow Tester		
2200606008	Formalin Fumigation Sterilizer		300x200x160 mm
2200606009	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2200606010	Armrest		
2200606011	Laboratory Chair		
2200606012	Dust Particle Counter		
2200606013	Digital Sound Level Meter		
2200606014	Illumination Meter		
2200606015	Air Flow Anemometer		
2200606016	Protective Garment		
2200606017	Protective Gloves		



BCBS-101



BCBS-102



BCBS-103



BCBS-104



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