



## BIOLOGICAL SAFETY CABINET CLASS I BCBS-102

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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.

## BCBS-102 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-102
Type	Class I
HEPA Filter	99.995% efficiency at 0.3 $\mu$ m
Air Flow Velocity	0.75 ~ 1.0 m/s
UV Lamp	20Wx1 Emission of 253.7 nanometers for most efficient decontamination
Illuminating Lamp	8Wx1 LED lamp
Main body construction	PMMA
Work Table	304 Stainless Steel
Work Surface Height	/
Caster	/
Noise	$\leq$ 55dB
Standard Accessory	LED lamp, UV lamp x2
Optional Accessory	Electric Height adjustable base stand
Internal Size (WxDxH)	680x540x500 mm
External Size (WxDxH)	700x550x900 mm
Package Size (WxDxH)	870x720x1170 mm
Gross Weight	68 kg
Power Consumption	160 W
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		



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