

PRODUCT CATALOG



CLASS I BIOSAFETY CABINET





CLASS I BIOSAFETY CABINET

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 Biolab Biological Safety Cabinet Class I is widely used in microbiological work, research purposes in the field of genetics, cell biology, molecular biology, plant and animal cell culturing.

100 CLASS I BIOSAFETY CABINET



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	
Туре	Class I				
HEPA Filter	1				
HEPA Filter Efficiency	99.999% efficiency at 0.3 μm				
Air Flow Velocity	> 0.3m/s	0.75 ~ 1.0 m/s	> 0.3m/s	0.75 ~ 1.0 m/s	
Minimum Face Velocity	75 linear feet per minute (Ifpm)				
LED Lamp	15Wx1	18Wx1	8Wx1	21Wx2	
UV Lamp	15Wx1	20Wx1			
Work Surface Height		Benchtop Type 740 mm			
Inner Dimension (WxDxH)	540x385x440 mm	680x540x500 mm	800x635x600 mm	968x695x630 mm	
Overall Dimension (WxDxH)	550x395x730 mm	700x550x900 mm	900x713x1250 mm	1100x695x1924 mm	
Package Size	710x550x950 mm	870x720x1170 mm	1060x870x1440 mm	1270x880x2230 mm	
Chamber Material	Poly Methyl Met	Poly Methyl Methacrylate (PMMA)		Cold-rolled steel coated with anti-bacteria powder	
Noise Level	≤60 dB	≤55 dB	≤60 dB	≤67 dB	
Weight	40 kg	60 kg	100 kg	150 kg	
Power	150 W	≤160 W	≤400 W	≤350 W	
Power Supply	AC220V±10%,50/60Hz;110V±10%,60Hz				
Caster	-	-	-	Universal Wheel	

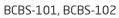
ACCESSORIES

Accessory Code	Name	For Models
BX-103986	Fluorescent Lamp	All
BX-103987	UV Lampx2	All

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
BX-102683	Infrared Sterilizer	150x95x210 mm	
BX-102684	Airflow Tester		
BX-102685	Formalin Fumigation Sterilizer		300x200x160 mm
BX-102686	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
BX-102687	Armrest		
BX-102688	Laboratory Chair		
BX-102689	Dust Particle Counter		
BX-102690	Digital Sound Level Meter		
BX-102691	Illumination Meter		
BX-102692	Air Flow Anemometer		
BX-102693	Protective Garment		
BX-102694	Protective Gloves		







BCBS-103



BCBS-104



Biolab Scientific Limited