

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.

100 SERIES 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	1			
HEPA Filter Efficiency	99.999% efficiency at 0.3 μ m			
Air Flow Velocity	0.38m/s ~ 0.6m/s			
Minimum Face Velocity	75 linear feet per minute (lfpm)			
Fluorescent Lamp	15Wx1	18Wx1	14Wx2	21Wx1
UV Lamp	18Wx1			30Wx1
Work Surface Height	Bechtop Type			740 mm
Inner Dimension (WxDxH)	540x385x450 mm	680x450x500 mm	768x690x580 mm	968x695x630 mm
Overall Dimension (WxDxH)	550x395x730 mm	700x550x900 mm	900x695x1080 mm	1100x695x1924 mm
Package Size	755x600x950 mm	1000x700x1200 mm	1100x900x1350 mm	1270x880x2230 mm
Caster	None			Universal Wheel
Chamber Material	Poly Methyl Methacrylate (PMMA)		Cold-rolled steel coated with anti-bacteria powder	
Noise Level	NSF 49 $\leq$ 61 dB/EN 12469 $\leq$ 58 dB			NSF 49 $\leq$ 61 dB/ EN 12469 $\leq$ 58 dB
Weight	40 kg	60 kg	100 kg	150 kg
Power	150 W	160 W	180 W	400 W
Power Supply	AC220V $\pm$ 10%,50/60Hz;110V $\pm$ 10%,60Hz			

ACCESSORIES

Accessory Code	Name	For Models
BX-103986	Fluorescent Lamp	All
BX-103987	UV Lampx2	All
BX-103988	Base Stand	BCBS-104

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-101



BCBS-103



BCBS-104



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