CLASS I BIOLOGICAL SAFETY CABINET

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It is widely used in microbiological work and research purposes in he field of genetics. HEPA Filter protects environment from contamination by filtering air before it is exhausted. Due to its low noise and high energy efficiency feature, the operational cost becomes less.
Used in Microbiological, Research, Genetics, Cell Biology, Molecular Biology, Plant, Animal Cell culturing, Laboratory.
Also known as Biological Safety Cabinet, Class I BSC, Biosafety Cabinet.

BC11 SERIES CLASS I BIOLOGICAL SAFETY 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	BC111	BC112	BC113	BC114
Type	Class I			
HEPA Filter	1			
HEPA Filter Efficiency	99.999% 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
Minimum Face Velocity	75 linear feet per minute (lfpm)			
LED Lamp	15Wx1	18Wx1	8Wx1	21Wx2
UV Lamp	15 Wx1	20 Wx1		
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 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	AC220 V±10%,50/60 Hz;110 V±10%,60 Hz			

Caster	-	-	-	Universal Wheel

ACCESSORIES

Accessory Code	Name	For Models
BX1026	Fluorescent Lamp	All
BX1027	UV Lampx2	All
BX1028	Base Stand	BC114

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size(mm)
BX1001	Infrared Sterilizer	150x95x210 mm	
BX1002	Airflow Tester		
BX1003	Formalin Fumigation Sterilizer		300x200x160
BX1004	Ammonium Hydrogen Carbonate Neutralizer		300x200x160
BX1005	Armrest		
BX1006	Laboratory Chair		
BX1007	Dust Particle Counter		
BX1008	Digital Sound Level Meter		
BX1009	Illumination Meter		
BX1010	Air Flow Anemometer		
BX1011	Protective Garment		
BX1012	Protective Gloves		

BC111, BC112   BC113   BC114

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