



BIOLOGICAL SAFETY CABINET CLASS II BCBS-201

BIOLOGICAL SAFETY CABINET CLASS II BCBS-201

Biolab Biological Safety Cabinet Class II Series is engineered specifically for laboratory operations that require user and product protection. Operates with a negative air pressure for personnel protection and HEPA filtered laminar airflow for product protection. Suitable for microbiological and research applications that do not involve radioactive substances and toxic contaminants.

Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory.

Also known as Class II BSC, Biosafety Cabinet.

BCBS-201 BIOLOGICAL SAFETY CABINET CLASS II



Time reserve function

Stainless Steel 304 table for operation

Emission of 253.7 nm for highly efficient decontamination

Remote control operation including front sash movement and fan speed control

Motored front window with timer function

Two-layered marinated toughened glass ($\geq 5\text{mm}$) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Foot switch to adjust the height of the front window

2 waterproof sockets located inside panel

Automatic air speed adjustable with filter block

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Interlock function: Fluorescent lamp, UV lamp and front window, Blower and front window, UV lamp and blower

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow velocity

LCD display: filter and UV lamp working time, Filter life, Exhaust filter and downflow filter pressure, Humidity and temperature, System working time, Inflow and downflow velocity etc.

SPECIFICATIONS

Model	BCBS-201
Type	Class II, Type A2
HEPA Filter	2
HEPA Filter Efficiency	99.999% efficiency at 0.3 μm . Filter life Indicator
Air Circulation	0.7
Exhaust Air	0.3
Inflow Velocity	0.53 $\pm$ 0.025 m/s
Down Flow Velocity	0.33 $\pm$ 0.025 m/s
Fluorescent Lamp	21Wx2
UV Lamp	30Wx1
Illumination	≥ 1000 lux
Work Surface Height	750 mm
Tested Opening	200 mm
Max Opening	420 mm
Inner Dimension (WxDxH)	940 $\times$ 600 $\times$ 660 mm

Overall Dimension (WxDxH)	1100x750x2250 mm
Package Size	1220x1000x1840 mm
Caster	Universal Wheel with brake and levelling feet
Front Window	Motorized, two layer laminated toughened glass ≥5 mm, Anti UV
Clean Level	Class 100
Control System	Microprocessor
Socket	Two, Total load of two sockets: 500W
Noise Level	EN12469≤58dB / NSF≤61dB
Weight	243 kg
Power	760 W
Power Supply	100/220V±10%, 50/60Hz

ACCESSORIES

Accessory Code	Name	Description
BX-58522	Fluorescent Lamp	
BX-58534	UV Lampx2	
BX-58546	Base Stand	
BX-58558	Remote Control	

Accessory Code	Name	Description
BX-58570	Foot switch	
BX-58582	Drain Valve	
BX-58594	Waterproof Sockets	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	External Dimension	Package Size (mm)
BX-58061	Infrared Sterilizer		150x95x210 mm	
BX-58073	Airflow Tester			
BX-58085	Formalin Fumigation Sterilizer			300x200x160 mm
BX-58097	Ammonium Hydrogen Carbonate Neutralizer			300x200x160 mm
BX-58109	Armrest			
BX-58121	Laboratory Chair			
BX-58133	Dust Particle Counter			
BX-58145	Digital Sound Level Meter			
BX-58157	Illumination Meter			
BX-58169	Air Flow Anemometer			
BX-58181	Protective Garment			
BX-58193	Protective Gloves			



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: contact@biolabscientific.com | Website: www.biolabscientific.com