



## BIOLOGICAL SAFETY CABINET CLASS II BCBS-803

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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-803 BIOLOGICAL SAFETY CABINET CLASS II



Time reserve function

Motorized front window

HEPA filter life and UV life indicator

Automatic air speed adjustable with filter block

With memory function in case of power-failure

Work area surrounded by negative pressure, it can ensure maximum safety in work area

Most accessories are standard, which saves your money. There is no need to pay more

Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc)

Remote control. All functions can be realized with it, making the operation much easier and more convenient

Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window

Foot switch. Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement

## SPECIFICATIONS

Model	BCBS-803
Type	Class II, Type B2
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 µm, filter life indicator.
Max Opening	480mm (20")
Tested Opening	Safety Height 200 mm (8")
Work Surface Height	750 mm
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Airflow System	0% air recirculation, 100% air exhaust
Control System	Microprocessor
Caster	Foot master caster
Exhaust	Exhaust Duct: 4 meters PVC duct, Diameter:300mm
Front Window	Motorized, two-layer laminated toughened glass ≥ 6mm, anti UV
Waterproof Socket	Two, total load of two sockets: 500 W
UV Lamp	40W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
LED Lamp	LED Lamp, 16W x2
Illumination	≥1000 Lux

Visual and Audio Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.
Display	7 inch touch screen display: exhaust filter and downflow filter pressure, filter and UV lamp working time,inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Noise	≤ 67 dB
Standard Accessory	Illuminating lamp, UV lamp x2,base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets x2, pipe strap x2
Optional Accessory	Water and gas tap, Electric height adjustable base stand
External Size (WxDxH)	1873x795x2280 mm
Internal Size (WxDxH)	1700x660x660 mm
Package Size (WxDxH)	2000x1075x1910 mm Main Body 920x710x680 mm Exhaust Blower (WxDxH)
Gross Weight	420kg;60kg
Consumption	1400 W
Power Supply	AC 220V±10%, 50/60Hz



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