



BIOLOGICAL SAFETY CABINET CLASS II BCBS-604

BIOLOGICAL SAFETY CABINET CLASS II BCBS-604

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-604 BIOLOGICAL SAFETY CABINET CLASS II



10-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing

Power-on password can be set to prevent unrelated personnel from mis-operation

Automatically adjust the wind speed

With power-off memory function, the state before power-off is restored after power-on, and there is a visual prompt alarm.

The integrated design of the operation area makes it easy to disassemble and clean

The working area is equipped with a wind speed sensor to detect the wind speed in real and real time

It can be used manually and electrically, and the front window can be closed by pulling down the glass door when the power is off

The cabinet is separated from the base. The height of the adjustable base can be customized

Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window

It has the function of appointment timing, which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps, fans and sockets

The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on

The negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.

The front window glass has a one-key lift function

SPECIFICATIONS

| | |
|---------------------|--|
| Model | BCBS-604 |
| Type | Class II, Type A2 |
| Inflow Velocity | 0.53±0.025m/s |
| Down Flow Velocity | 0.33±0.025m/s |
| Filter | ULPA Filter - Two, 99.9995% efficiency at 0.12µm, filter life indicator |
| Max Opening | 440 mm |
| Tested Opening | Safety height 200mm (8") |
| Work Surface Height | 750mm (Size can be customized according to the requirements) |
| Work Zone Material | 307 stainless steel |
| Main Body Material | Cold-rolled steel with anti-bacteria powder coating |
| UV Lamp | 40 W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination |
| LED Lamp | 16W x2 |

| | |
|------------------------|--|
| Illumination | ≥1000 Lux |
| Caster | Footmaster caster |
| Airflow System | 70% air recirculation, 30% air exhaust |
| Control System | Microprocessor |
| Display | LCD 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. |
| Visual and Audio Alarm | Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm |
| Front Window | Manual and electric. Tempered glass≥5mm.Anti UV |
| Noise | ≤65 dB |
| Standard Accessory | LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs |
| Optional Accessory | Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf |
| External Size (WxDxH) | 1500x800x2200 mm |
| Internal Size (WxDxH) | 1350x600x660 mm |
| Package Size (WxDxH) | 1630x1060x1840 mm |
| Gross Weight | 333 kg |
| Consumption | 1400 W |
| Power Supply | AC220V 50/60Hz; 110V 60Hz |



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com