



BIOLOGICAL SAFETY CABINET CLASS II BCBS-701

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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-701 BIOLOGICAL SAFETY CABINET CLASS II



- Motorized front window
- Large LCD display, all information displayed
- Automatic air speed adjustable with filter block
- With memory function in case of power-failure
- Side & back wall is made up of single piece stainless steel
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window
- Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area

SPECIFICATIONS

| Model | BCBS-701 |
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| Type | NSF Certified Class II, Type A2 |
| Airflow Volume (Inflow) | 441m ³ /h (259cfm) |
| Airflow Volume (Down flow) | 60%:649m ³ /h (382cfm) |
| Airflow Volume (Exhaust) | 40%:445m ³ /h (259cfm) |
| Filter | HEPA Filter - Two, 99.995% efficiency at 0.3μm, filter life indicator Filter Guard Type - Aluminum alloy frame , glass filter paper |
| Max Opening | 520 mm (20.5") |
| Tested Opening | Safety height 254mm (10") |
| Work Surface Height | 750 mm with optional base stand |
| Work Zone Material | 304 stainless steel |
| Main Body Material | cold-rolled steel with anti-bacteria power coating |
| UV Lamp | 20 W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination |
| LED Lamp | 10W x2 LED lamp |
| Waterproof Socket | 2, Total consumption:≤500W |
| Front Window | Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV |
| Visual and Audio Alarm | Abnormal airflow velocity; Filter replacement; Front window at unsafe height. |
| Motor | One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption |
| Noise | NSF 49≤67 dB/EN 12469≤65 dB |
| Standard Accessory | Illuminating lamp, UV lamp x2, Base stand, SS water x1 & gas tap x1, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks |
| Optional Accessory | Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, Remote control |

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| External Size (WxDxH) | 1087x775x2265 mm |
| Internal Size (WxDxH) | 910x600x660 mm |
| Package Size (WxDxH) | 1240x1060x1900 mm |
| Gross Weight | 270 kg |
| Consumption | 400 W |
| Power Supply | AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689 |



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