

LABSTAC

CLASS II BIOLOGICAL SAFETY CABINET BSC81-420A2



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CLASS II BIOLOGICAL SAFETY CABINET

BSC81-420A2

It operates with a negative air pressure for personnel protection and HEPA filtered laminar airflow for product protection to meet the requirements for the environment from microorganisms and aerosols. Features like Time reverse function, Interlock function, low noise and Filter Life Indicator makes the product beneficial and reliable. Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory. Also known as Class II BSC, Biosafety Cabinet.

BSC81-420A2 CLASS II BIOLOGICAL SAFETY CABINET

The operation perspective is wide and more humanized

Time reserve function

ULPA filter life and UV life indicator

Motorized front window

With memory function in case of power-failure

Audio and visual alarm (Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm).

Self-locking button switch to solve the trouble of losing the key

7 inch Large touch screen with Intelligent control system: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator 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, LED 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 | BSC81-420A2 |
| Type | Class II, Type A2 |
| 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 0.12µm. Filter life indicator. |
| Max Opening | 420 mm(17") |
| Tested Opening | Safety Height 200mm (8") |
| Airflow System | 70% air recirculation, 30% air exhaust |
| Control System | Microprocessor |
| Work Zone Material | 304 stainless steel |
| Main Body Material | Cold-rolled steel with anti-bacteria powder coating |
| Work Surface Height | 750mm (Size can be customized according to requirements) |
| Front Window | Motorized. Two-layer laminated toughened glass ≥ 6mm. Anti UV. |
| Caster | Footmaster caster |

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|------------------------|--|
| 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 | ≤ 67dB |
| UV Lamp | 30W x1, UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination. |
| LED Lamp | LED lamp, 12W x2 |
| Illumination | ≥ 1000Lux |
| Visual and Audio Alarm | Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm. |
| Waterproof Socket | Two, total load of two sockets: 500W |
| Standard Accessory | LED lamp, UV lamp x2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets x2 |
| Optional Accessory | Water and gas tap, Electric height adjustable base stand, Armrest, chair |
| External Size (WxDxH) | 1100x750x2210 mm |
| Internal Size (WxDxH) | 940x600x660 mm |
| Package Size (WxDxH) | 1250x990x1770 mm |
| Gross Weight | 265 kg |
| Consumption | 600 W |
| Power Supply | AC220V±10%, 50/60Hz; 110V±10%, 60Hz |

LABSTAC

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