# CLASS II BIOLOGICAL SAFETY CABINET LTCBS15-1

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## **LTCBS15-1** CLASS II BIOLOGICAL SAFETY CABINET

7-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

The 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 will be restored after power-on, and there will be visual prompts and alarms

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 at the same time, 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

The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly

## SPECIFICATIONS

| Model | LTCBS15-1 |
|---|---|
| Type | Class II, Type B2 |
| Inflow Velocity | 0.53±0.025m/s |
| Down Flow Velocity | 0.33±0.025m/s |
| Filter | ULPA Filter - Two, 99.9995% efficiency at0.12µm,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 | 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 |
| UV Lamp | 30W x1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination |
| LED Lamp | 12W x2 |
| Illumination | ≥1000Lux |
| Display | LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow 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 |
| Noise | ≤65 dB |
| Standard Accessory | LED lamp 2 pcs, UV lamp 1 pcs, Base stand, Foot switch, Drain valve, Waterproof sockets 2 pcs, Exhaust blower, Exhaust duct |
| Optional Accessory | Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf |
| External Size (WxDxH) | 1100x800x2250 mm |
| Internal Size (WxDxH) | 940x600x660 mm |
| Package Size (WxDxH) | 1230x1060x1840 mm (Main Body) 930x800x700 mm (Exhaust Blower) |
| Gross Weight | 259kg;52kg |
| Consumption | 1800 W |
| Power Supply | AC220V 50/60Hz; 110V 60HZ |

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