

# CLASS III BIOLOGICAL SAFETY CABINET



# CLASS III BIOLOGICAL SAFETY CABINET

Used in Toxic Chemicals, Potential Carcinogens, Hazardous Contaminants, Laboratory, Research.  
Also known as Class III BSC, Biosafety Cabinet.

## BSC31-1240 CLASS III BIOLOGICAL SAFETY CABINET

- Stainless Steel 304 table for operation
- Digital LCD display for easy monitoring of all parameters
- Emission of 253.7 nm for highly efficient decontamination
- Two-layered marinated toughened glass ( $\geq 5\text{mm}$ ) motorized front window
- Motored front window with timer function
- Front window is completely sealed with  $\geq 8$  thickness
- Remote control operation including front sash movement and fan speed control
- Foot switch to adjust the height of the front window
- Low noise and high energy efficiency for operational cost savings
- Audio and visual alarm for filter replacement, front window over height and abnormal airflow



### SPECIFICATIONS

Model	BSC31-1240
Type	Class III Biosafety Cabinet
ULPA Filter	Air Supply Filter: Efficiency 99.9995% at 0.12 $\mu\text{m}$ , First exhaust filter: Efficiency 99.9995% at 0.12 $\mu\text{m}$ , Second Exhaust Filter: Efficiency 99.9995% at 0.12 $\mu\text{m}$
Pre-filter	Polyster fibre, Washable
Pressure	Negative >120 Pa
Gloves	One pair of 800mm butyl rubber gloves
Front Window	8 mm toughened glass, anti ultraviolet radiation
Work Zone Material	304 stainless steel
Display	LCD display
UV Lamp	30Wx2, 8Wx1 Emission of of 253.7 nanometers for most efficient decontamination
LED Lamp	16Wx2
Illumination	$\geq 1000$ lux
Standard Accessories	Gloves, fluorescent lamp, UV lamp x3, remote control, pressure meter, drain valve
Visual and Audio Alarm	Audio and visual alarm, abnormal pressure; filter replacement
Noise	$\leq 67\text{dB}$
Internal Size (WxDxH)	1165x650x660 mm
External Size (WxDxH)	1790x880x2080 mm
Pass Box Size(WxDxH)	Internal Size: 430x330x355 mm External Size: 575x425x495 mm
Package Size (WxDxH)	1890x1065x2250 mm
Gross Weight	450 kg
Consumption	1300 W
Power Supply	AC220V+10%, 50/60Hz; 110V+10%, 60Hz

## ACCESSORIES

Accessory Code	Name
2100505017	Fluorescent Lamp
2100705005	Remote Control
2100705006	Drain Valve
2101505005	Pressure Meter
2101505006	Gloves
2101505007	UV Lampx4

## BSC31-1540 CLASS III BIOLOGICAL SAFETY CABINET

With memory function in case of power-failure

UV lamp ensures work area sterilization effectively

An angled cabinet front ensure an ergonomic working posture

Exhaust air is double-filtered through high-quality ULPA filters with typical efficiency of 99.9995% for 0.12µmparticles



## SPECIFICATIONS

Model	BSC31-1540
Type	Class III Biosafety Cabinet
ULPA Filter	Air supply filter: Efficiency 99.9995% at 0.12µm First exhaust filter: Efficiency 99.9995% at 0.12µm Second exhaust filter: Efficiency 99.9995% at 0.12µm
Pre-filter	Polyester fiber, washable
Pressure	≥ negative120 Pa
Work Zone Material	304 stainless steel
Front Window	8 mm toughened glass, anti-ultraviolet radiation
Gloves	One pair of 800mm butyl rubber gloves
UV Lamp	18W x2 ,8W x1 Emission of 253.7 nanometers for most efficient decontamination
LED Lamp	12W x2
Illumination	≥ 1000 lux
Display	LCD display
Noise	≤67dB
Visual and Audio Alarm	Audio and visual alarm, abnormal pressure; filter replacement
Standard Accessories	Gloves, fluorescent lamp, UV lamp x3, remote control, pressure meter, drain valve
External Size (WxDxH)	1540x880x2000 mm
Internal Size (WxDxH)	910x650x660 mm
Package Size (WxDxH)	1635x1065x2160 mm
Pass Box Size(WxDxH)	Internal Size:430x330x355 mm External Size:575x425x495 mm
Gross Weight	350 kg
Consumption	1200 W

Power Supply

AC220V±10% ,50/60 Hz;110V±10%,60Hz

**LABSTAC**

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