

# CLASS III BIOLOGICAL SAFETY CABINET



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Internationally designed to work with level 4 pathogens, which features a physical barrier between the user and the product. It has unique feature Audio and visual alarm which is very useful for filter replacement. It is an excellent choice for laboratory, research work involving use of toxic chemicals, potential carcinogens and hazardous contaminants.

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
HEPA Filter	ULPA Filter 2
ULPA Filter	Air Supply Filter: Efficiency 99.999% at 0.12 $\mu\text{m}$ , First exhaust filter: Efficiency 99.999% at 0.12 $\mu\text{m}$ , Second Exhaust Filter: Efficiency 99.999% at 0.12 $\mu\text{m}$
Airflow Volume	440-870 cfm
Pressure	$\geq$ negative 120 Pa
Pre-Filter	Polyester fiber, Washable
LED Lamp	28Wx2
UV Lamp	30Wx3, 8Wx1
Illumination	$\geq 1000$ lux
Inner Dimension (WxDxH)	1240x650x650 mm
Overall Dimension (WxDxH)	1765x855x2100 mm
Pass Box Size (WxDxH)	Internal Size: 400x390x340 mm External Size: 480x400x400 mm
Package Size	1850x1080x2280 mm
Front Window	8 mm Toughened glass, Anti-UV
Chamber Material	Epoxy coated cold-rolled steel
Noise Level	NSF $49 \leq 61$ dB / EN 12469 $\leq 48$ dB
Weight	395 kg
Power	700 W
Power Supply	110V~240V/50Hz~60Hz

## ACCESSORIES

Accessory Code	Name	Description
LS53467	Fluorescent Lamp	
LS53503	Remote Control	
LS53527	Drain Valve	
LS53587	Pressure Meter	
LS53599	Gloves	
LS53611	UV Lampx4	

# ***Centrifugen***

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