

CLASS III BIOLOGICAL SAFETY CABINETS



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Class III biological safety cabinet is designed to deal with BSL-4 microbiological agents and provides maximum protection to both personnel and the environment. It is completely sealed, non-opening, air-tight closure with a viewing window. Both supply and exhaust air are HEPA-filtered. This exhaust air must pass through two HEPA filters or a HEPA filter and an air incinerator and then be released to the surfaces. It maintains the cabinet and all associated ducts under negative pressure.

Used in Toxic Chemicals, Potential Carcinogens, Hazardous Contaminants, Laboratory, Research.

LTCBS18-2 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	LTCBS18-2
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



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