

# CLASS II BIOLOGICAL SAFETY CABINET LTCBS13-1



# CLASS II BIOLOGICAL SAFETY CABINET

## LTCBS13-1

Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory.  
Also known as Class II BSC, Biosafety Cabinet.

## LTCBS13-1 CLASS II BIOLOGICAL SAFETY CABINET

Motorized front window  
Large LCD display, all information displayed  
Automatic air speed adjustable with filter block  
With memory function in case of power-failure  
Side & back wall is made up of single piece stainless steel  
Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp;  
Blower and front window  
Front 10° slanted to offer operator comfort while working for long time, reduce glare  
and maximize reach into the work area



## SPECIFICATIONS

Model	LTCBS13-1
Type	NSF Certified Class II, Type A2
Airflow Volume (Inflow)	441m <sup>3</sup> /h (259cfm)
Airflow Volume (Down flow)	60%:649m <sup>3</sup> /h (382cfm)
Airflow Volume (Exhaust)	40%:445m <sup>3</sup> /h (259cfm)
Filter	HEPA Filter - Two, 99.995% efficiency at 0.3μm, filter life indicator Filter Guard Type - Aluminum alloy frame , glass filter paper
Max Opening	520 mm (20.5")
Tested Opening	Safety height 254mm (10")
Work Surface Height	750 mm with optional base stand
Work Zone Material	304 stainless steel
Main Body Material	cold-rolled steel with anti-bacteria power coating
UV Lamp	20 W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
LED Lamp	10W x2 LED lamp
Waterproof Socket	2, Total consumption:≤500W
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV
Visual and Audio Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.
Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption
Noise	NSF 49≤67 dB/EN 12469≤65 dB
Standard Accessory	Illuminating lamp, UV lamp x2, Base stand, SS water x1 & gas tap x1, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, Remote control
External Size (WxDxH)	1087x775x2265 mm

Internal Size (WxDxH)	910x600x660 mm
Package Size (WxDxH)	1240x1060x1900 mm
Gross Weight	270 kg
Consumption	400 W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689



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