LABTRON

BIOSAFETY CABINET CLASS II A2

LBS2-A24

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Biosafety Cabinet Class II A2 LBS2-A24 is a benchtop unit, designed with UV life indicator and HEPA filters of two, 99.999% efficient at 0.3 um. Offers maximum opening of 420 mm (17 inch) and tested opening of safety height 200 mm (8 inch). Features airflow system of 30% air exhaust and 70% air recirculation and three protection such as sample, environment and operator. Built in motorized front window of two layered laminated toughened glass and anti UV, 2 waterproof sockets for optimum convenience of using small devices inside the cabinet, LED lamp, UV lamp for most efficient decontamination and remote control with all functions for easier and convenient operation.

FEATURES

- Managed and monitored by an integrated microprocessor controller

- Large LCD digital display for ease of monitoring all safety parameters

- Work zone made up of 304 stainless steel and main body made up cold-rolled steel with anti-bacteria powder coating

- Space saving design with small dimensions

- Easy to use, operate and maintain

- Easy to clean, corrosion resistant, stainless steel lining

- Incorporated with memory function in case of power-failure

- Integrated with visual and audible alarm for abnormal airflow velocity, filter replacement, front window at unsafe height

APPLICATION

Biosafety Cabinet Class II A2 is suitable to use for microbiology research in absence of volatile, toxic chemicals and radionuclide. It is widely used in biotechnology tissue cultures, hospitals, research laboratories, microbiology laboratories, pathology, colleges and universities.

Model No	LBS2-A24
Tested Opening	Safety height of 200 mm (8 inch)
Maximum Opening	370 mm (15 inch)
Inflow Velocity	0.53 ± 0.025 m/s
Down Flow Velocity	0.33 ± 0.025 m/s
HEPA Filter	Two, 99.999% efficient at 0.3 um, filter life indicator
Front Window	Motorized, toughened glass, anti UV
Noise	EN12469 ≤ 58 dB / NSF49 ≤ 61 dB
UV Lamp	15 W×1 UV timer, UV life indicator, emission of 253.7 nanometres for most efficient decontamination
Illuminating Lamp	8 W×2 LED Lamp
Illumination	≥ 1000 Lux
Consumption	500 W
Sockets	Two, total load of two sockets: 500 W
Display	LCD display
Control System	Microprocessor
Airflow System	70 % air recirculation, 30 % air exhaust
Visual and Audio Alarm	Filter replacement, window over height, abnormal airflow velocity
Material	Work Zone: 304 stainless steel
	Main Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	750 mm with optional base
Power Supply	AC220V±10 %, 50/60 Hz; 110V ± 10 %, 60 Hz
Internal Dimension (W×D×H)	600×500×540 mm
External Dimension (W×D×H)	700×650×1230 mm
Packaging Dimension without base stand (W×D×H)	Wooden Box: 860×800×1450 mm
	Carton: 820×760×1430 mm
Packaging Dimension with base stand (W×D×H)	Wooden Box: 860×960×1450 mm
Gross Weight without base stand	Wooden Box: 164 kg
	Cartoon: 121 kg
Gross Weight with base stand	196 kg

STANDARD ACCESSORY

Sr.No	Name of the Accessory	Unit
1.	Illumination LED Lamp	2
2.	UV Lamp	1
3.	Remote Control	1
4.	Waterproof Sockets	2

OPTIONAL ACCESSORY

Sr. No.	Name of the Accessory
1.	Base Stand