SaiLab
E Q U I P M E N T

Biosafety Cabinet Class II B2

SaiLab Equipment's **Biosafety Cabinet Class II B2** is a safety device with a HEPA filter that filters air of air-borne particles of size 0.3 micro or larger back to the work area as a vertical unidirectional airflow. The cabinets are used for biosafety levels 2 through 3 and are safe to work with hazardous chemicals. The unit is engineered to sterilize the air with the help of UV germicidal light and to prevent contamination. Designed for ease of cleaning and maintenance, **Biosafety Cabinet Class II B2** from SaiLab Equipment follows European guidelines for stringent build quality and environment protection. Move the unit freely with high-quality castor wheels and are also fastened with rubber leveling pad.

TECHNICAL SPECIFICATION

- 2.5 inch 128 x 64pixel blue/white graphic LCD display
- Dual Intel Front Curved centrifugal fan to provide complete operator, product and environmental protection.
- Energy efficient Dynamic Motor
- HEPA filter 99.99% typical efficiency at 0.3 micron/ULPA,
- ULPA filters provide 99.999% typical efficiency for particle sizes of 0.1 to 0.3 micron.
- Wall of Stainless Steel 304.
- Work Tray of Stainless Steel 304
- Arm Rest.

OPTIONAL MICRO PROCESSOR CONTROLLER

SALIENT FEATURE

- Manual Function Mode
- 2.5inch 128 x 64pixel blue/white graphic LCD display.
- Motorized Door on up/down touch keys.
- UV/florescent light/power on/off soft touch key.
- Blower Motor on / off in touch key.
- Inter Socket Manual on / off touch key.
- Buzzer Silent soft touch key.
- Power on / off soft touch key.
- Display of air pressures in the LCD screen.
- Alarm if the door is opened beyond 200 mm.
- Timer for UV light (0-59 minutes).

- User Program
- UV timer
- UV Lamp Life.
- Reset UV hours.
- To set Auto clean Auto Clean Mode.
- Change Password.

- Auto Function Mode
- Display of down flow and up flow by deferential pressure
- Alarm is activated in case of airflow deviation over 20%
- Blower will go off when the door is closed
- Fluorescent lamp will not be active when UV is on
- UV will not get on when florescent is on
- Blower will be shut off when UV is on.
- Alarm if the door is opened beyond 200 mm.
- Timer for UV light (0-59 minutes).

SaiLab EQUIPMENT

SPECIFICATIONS OF BIOSAFETY CABINET B2 MODEL

Main Filter	HEPA filter (99.97% efficient at 0.3-micron particulates to meet air quality ISO class 5 equivalent to US FED STD 209 B, Class 100.
Pre-filter	Highly efficient washable pre-filter efficiency 90% down to 10 microns.
Illumination	Fluorescent Lamp of 10/20/30/40 W (Greater than 800LUX as per guidelines laid in US Federal Standard.)
Sterilizing	UV Germicidal tube of 254mn wavelength.
Front Door	Motorized door lifting arrangement at press of a button. door made of toughen Glass (Polycarbonate Door Optional)
Utility	Gas / Air cock and Multipoint 15/5 AMP electric socket.
Magnehelic Gauge	Magnehelic Gauge analogue type for main HEPA Filter.
Input Supply	AC 230V, 50/60 Hz
Cabinet – MOC	Cold Rolled Powder Coated for STD model. Stainless Steel 304 grade steel for GMP model.
Work Table	Stainless Steel 304 Grade (Optional Stainless Steel 316)
Internal Work Zone Dimension	2 x 2 x 2" (Ft), 3 x 2 x 2 (Ft)
Size of HEPA Filter (LxDxH)	2 x 2 x 3" (Ft), 3 x 15" x 3" (Ft), 3 x 6" x 3" (Ft)
No. of HEPA filter	2

AVAILABLE CAPACITY

Model No.	Capacity	Outersize
SBC – 2A2	2' x 2' x 2'	193 x 75 x 85
SBC – 3B2	3' x 2' x 2'	193 x 105 x 85
SBC – 4B2	4' x 2' x 2'	193 x 135 x 85
SBC – 5B2	5' x 2' x 2'	193 x 165 x 85
SBC – 6B2	6' x 2' x 2'	193 x 195 x 85

SaiLab EQUIPMENT

GeM Government e Marketplace · Facebook · LinkedIn · Instagram

✉ sales@sailabequipments.com   🌐 www.sailabequipments.com

📞 9769455108 / 9136004675

Note: All Dimensions and Specifications are subject to change without prior notice.