

# BioSafety Cabinet **Class II B2**



 **Kapsam**



SUPER B PLUS GROUP LTD

# BioSafety Cabinet



Kapsam Class II type B2 microbiological safety biosafety cabinet provides first-class protection for products, personnel and environment and allows working with toxic chemicals and high pathogens. After passing the air taken from the environment through a fine and absolute (HEPA) filter it passes through the laminator into the working area. Product protection is provided by filtered laminar airflow. Personnel protection is provided by the air barrier on the front of the device. All the air passes through the HEPA filter at high speed and is 100% exhausted.

## Main Material & Design Specifications

- Airflow System 0% air recirculation, 100% air exhaust
- Electrostatic Epoxy Powder Coated HRC Main Body
- AISI 304 Stainless Steel Internal Working Area
- Removable Working Floor Tables for easy Cleaning
- 6mm Tempered Motor Controlled Anti UV Working Glass
- 20cm Preset Working Aperture, 50cm Max Opening
- H14 Type HEPA Filter with 0.3  $\mu\text{m}$  Particle Retention (EN 1822)
- Air Flow Rate and Working Area Temperature Sensor
- UV-C Type Sterilization
- Interior LED Lighting
- 2 Pcs. 220V IP44 Waterproof Sockets



### Touch-Screen Control Panel

- Turn ON/OFF button
- Emergency button
- Color Touch screen with TFT microprocessor
- On-Screen display of real-time inflow/downflow rates and temperature
- Automatic fan speed control based on flow rates
- Front window up/down movement control
- Audible and visual warning system
- UV Lamp ON/OFF
- Working Lamp ON/OFF
- Fan Motor ON/OFF
- Quickstart, automatic speed adjustment
- HEPA Filter and UV Lamp usage/lifetime counter

### Optional Features

- Electrostatic powder-coated HDGC main body
- Water and Gas Taps (DIN12898)
- Rack Apparatus (for hanging serum bags)
- Video Camera & Audio Recording System
- 316L stainless steel workbench
- 3+3 mm Laminated Windshield
- Windshield adjustment pedal
- Auto-restart function
- Power failure alarm

### Technical Details

Model	KS-BK2B2-90	KS-BK2B2-120	KS-BK2B2-150	KS-BK2B2-180
Ext. Dimension (w x d x h)	1065x880x1610mm	1370x880x1610mm	1680x880x1610mm	1980x880x1610mm
Int. Dimension (w x d x h)	935x750x680mm	1240x750x680mm	1550x750x680mm	1850x750x680mm
Gross Weight	300 kg	325 kg	350 kg	375 kg
Inflow Air Velocity	0,51 m/s < Vinflow			
Downflow Air Velocity	0,25 – 0,50 m/s (+- 0,08 m/s)			
Main Filter (EN 1822)	H14 HEPA, 0.3 µm particle 99.995%< filtration efficiency			
Exhaust Filter (EN 1822)	H14 HEPA, 0.3 µm particle 99.995%< filtration efficiency			
Pre-Filter (EN 779)	EU4			
Cleaning Class	< ISO 5 (EN ISO 14644-3), < Class 100 (US FED 209E)			



## Comprehensive Solutions for Sterile Compounding & IV Infusion

- Automated IV Compounding Systems (TPN / ONCO / CIVA)
- Automated Fluid Dispensing Pump
- Pharmacy Operation & Order Entry Software (CPOE)
- IV Workflow Management System (IV-WMS)
- IV Compounding & Infusion Disposables
- Modular Cleanrooms & Accessories
- Biosafety & LAF Cabinets



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