BSC-1300IIA2



- Equipped with upper and lower limit alarm system; sound and light alerts activate when the glass door exceeds or drops below set positions
- Fully enclosed working area maintained under negative pressure on all sides to ensure zero leakage and maximum cleanliness
- Integrated sliding door can be positioned freely; UV lamp functions only when the window is fully closed
- 6 mm thick safety-tempered glass used for the front window door
- Automatically deactivates the UV germicidal lamp and activates the fan when the front window opens, ensuring safe and efficient operation
- UV lamp features programmable reservation and timing functions
- Includes a built-in spare power socket
- 10° forward tilt enhances operator comfort and visibility during operation

Product Description

- Class II Biosafety Cabinet - 30% exhaust, 70% recirculation configuration
- Meets Pharmaceutical Industry Standards of China (YY 0569-2011)
- Certified by SFDA with medical device registration and production license
- Outer shell made of high-quality cold-rolled steel with electrostatic spray coating; three sides of the operational area are formed with integrated stainless steel; internal parts feature 10 mm large rounded corners for easy cleaning
- Dual HEPA filters with ULPA-level efficiency (≥99.9995% at 0.12 μm), using partition-free borosilicate glass fiber membrane
- High-quality, low-noise fan with automatic speed control; features high-sensitivity breeze speed sensor for real-time, pressure-free wind speed monitoring
- Independently developed control software system, obtained the national software copyright certificate. LCD screen can display the working area temperature, air flow velocity, etc., can adjust the parameter settings, blue screen digital indication of the parameter values, password modification program Settings, to prevent misoperation
- Filter alarm: real-time bar code type display filter remaining life, sound and light alarm prompt replacement

Technical Parameters

Parameters/Model	BSC-1300IIA2
Cleanliness Level	HEPA ISO 4 (Class 10 Cleanroom)
Supply Air Velocity (m/s)	0.33±0.025
Inflow Air Velocity (m/s)	0.53±0.025
Noise (dB)	≤67
Vibration Semi-Peak Value (μm)	≤5
Voltage/Maximum Power Consumption	AC 220V/50Hz/1.5kW
Personnel Biosecurity & Protection	Impact sampler ≤10 CFU/Slit sampler ≤5 CFU
Product Biosecurity & Protection	Petri dish samples ≤5 CFU
Cross-Contamination Protection	Petri dish samples ≤2 CFU
Working Area Dimensions (mm)	1300×520×640
Overall Dimensions (mm)	1465×760×2200
Illumination (LX)	≥900
Weight (kg)	260
Number of Operators	1 or 2
Draft Direction	Top