Biosafety Cabinets Series

DSC-600IIA2

Product Overview

Class II Biosafety Cabinet with airflow: 30% exhaust, 70% recirculation loop Meets Pharmaceutical 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 Custom-developed software with national software; LCD screen shows temperature, airflow, and other parameters; password-protected settings with blue screen digital display to prevent misoperation Filter alarm: Real-time barcode display for filter life tracking, with sound and light alarms to prompt

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

Model	DSC-600IIA2
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/0.8kW
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)	600×500×520
Overall Dimensions (mm)	740×650×1850
Illumination (LX)	≥800
Weight (kg)	110
Number of Operators	1
Draft Direction	Top