

Biosafety Cabinets Series

DSC-1000IIA2



Product Overview

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 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 Automatically deactivates the UV germicidal lamp and activates the fan when the front window opens, ensuring safe and efficient operation 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 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 Automatically deactivates the UV germicidal lamp and activates the fan when the front window opens, ensuring safe and efficient operation

Model	DSC-1000IIA2
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/1Kw
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)	1000×520×640
Overall Dimensions (mm)	1165×760×2200
Illumination (LX)	≥900
Weight (kg)	240
Number of Operators	1
Draft Direction	Top