

BSC-1500IB2-X



Introduction

I: Operating Range

1.1 Running conditions 110V~220V / 50Hz ~ 60Hz

1.2 Operating temperature range: 15-35

1.3 Operating humidity range $\leq 85\%$

II Parameter and Function

2.1 Filter

2.1.1 Inflow filter: HEPA filter,

2.1.2 Filter efficiency: 99.999%(0.1-0.2 μm)

2.1.3 Level of exhaust filter: HEPA filter

2.1.4 Exhaust filter efficiency: 99.99%(0.3 μ m)

2.1.5 Display of negative pressure and filter life: Bar Code

2.1.6 Display of accumulation working hours: VFD

2.1.7 Filter replacement: front of the cabinet

2.2 Electric Motor

2.2.1 Frequency conversion electric machine could make aural and visual alarm by the blockage state of the filter

2.2.2 Automatic adjustment of the rotating speed to keep the wind speed.

2.3 Airflow System

2.3.1 Air Circulation: 0%

2.3.2 Exhaust Air: 100%

2.3.3 Inflow Velocity: 0.65 \pm 0.15m/s

2.3.4 Down flow Velocity: 0.37 \pm 0.015m/s

2.4 Front Window

2.4.1 Sensitive Alarm: The height of the front window could adjust at will, when overtop the safety height, it will alarm

2.4.2 Safety Glass: toughened glass, explosive-Proof and prevent UV

2.4.3 Thickness of front panel is more than 5mm

2.5 Workroom Interior

2.5.1 Material: Table-board is made of excellent stainless steel,two flanks and back side are punched into a smooth whole body, more easy to cleaning.

2.5.2 Socket: 2 internal waterproof socket

2.5.3 Lighting >800lux

2.5.4 UV Lamp: Sterilizing by UV lamp, the UV light couldn't turn on when the fluorescent lamp turning on or the front window open

2.5.5 Air Grill: Air will be drawn into the cabinet through the air grill.

2.5.6 Water tight socket: Two single water tight sockets are provided on the sidewall for small devices or equipment used within the cabinet.

2.5.6 Power Socket.

2.6 Size

2.6.1 internal size(w *d *h): 1500x850x2200mm

2.6.2 external size(w *d *h) : 1300x600x660mm

2.7 Noise: <65 dB

2.8 Power: 0.45Kw

2.9 Weight: 180Kg

2.10 Vibration: The net displacement is no more than 3µm when the frequency is from 10Hz to 10kHz

2.11 Stability: The core part of work surface can stand more than 23kg pressure without permanent distortion.

2.12 Biosafety

2.12.1 Personnel safety: Hammerblow samples ≤10CFU/time

Slit samples ≤5CUF/time

2.12.2 Product safety: The microorganism germ falls ≤5CUF/time

2.12.3 Cross infection safety: The microorganism germ falls ≤2CUF/time

III Configure

3.1 Main Unit

3.2 Inflow ULPA

3.3 Exhaust HEPA

3.4 UV lamp

3.5 Light

3.6 Socket

Accessories

4.1 Water Valve

4.2 Gas Valve

4.3 Vacuum Valve

4.4 Removable Stand

4.5 Remote control

Certificate

5.1 Class III medical equipment registration certificate issued by SFDA

5.1 ISO9001 ISO14001 ISO13485 CE

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