

BSC-1300IIB2-X

BIOBASE Class II Type B2

- Total Exhaust Biosafety Cabinet - 4.3 Feet width.
- This is the **ONCOLOGY / CYTOTOXIC** model .

Key difference:

- 0% recirculation, 100% exhaust outside - all contaminated air goes out of building.

WHERE IT'S USED

- Oncology -**MAIN**
- Hospital labs handling both biological and toxic chemicals.
- Radiopharmacy / Nuclear medicine
- High containment research

A. SPECIAL FEATURES - BSC-1300IIB2-X

1.100% Total Exhaust System - For Toxic Drugs:

- Airflow: 0% recirculation, 100% exhaust- No air returns to lab
- Required when handling *cytotoxic drugs, chemotherapy, radionuclides, volatile chemicals
- Comes with exhaust blower + 4 meters PVC duct, Diameter 300mm - must be ducted through wall/roof

2. Smart Features:

- 4.7-inch color display - real-time values + appointment timing function
- Password protection on power-on - prevents unauthorized use
- Automatically adjusts wind speed when filter blocks
- Power-failure memory - restores state before power cut with visual alarm
- Interlocking function:* UV lamp & front window; UV lamp & fan; fan & front window
- Appointment timing - auto ON/OFF for UV, fan, socket
- Anti-paper dust structure behind work zone - prevents paper entering air duct

3. Operator Comfort & Safety:

- Motorized front window - two-layer laminated toughened glass $\geq 6\text{mm}$, Anti-UV
- Foot switch - adjust window height by foot to avoid airflow turbulence from arm movement
- Foot master caster* - universal caster with brake and leveling feet
- Remote control - operate 6 meters away

4. Filtration:

- Two ULPA Filters - 99.9995% efficiency at 0.12µm - higher grade than HEPA (99.999% at 0.3µm)
- Filter life indicator on display
- Washable pre-filter* 9ed3

5. Work Zone:

- Work zone: 304 stainless steel, surrounded by negative pressure
- Main body: Cold-rolled steel with anti-bacteria powder coating
- LED lamp 14W*2, ≥1000Lux, low heat

TECHNICAL FEATURES - BSC-1300IIB2-X

Parameter Specification

- External Size W×D×H -1300×755×2250 mm
- Internal Size W×D×H- 1150×600×660 mm
- Safety Opening Height 200mm (8")
- Max Opening 480mm (20")
- Inflow Velocity 0.53±0.025 m/s
- Downflow Velocity 0.33±0.025 m/s
- Airflow System 0% recirculation, 100% exhaust
- Two ULPA filters, 99.9995% at 0.12µm
- Front Window Motorized, laminated toughened glass ≥6mm, Anti-UV
- UV Lamp 30W*1, timer + life indicator, 253.7nm
- LED Lamp 14W*2
- Noise ≤65 dB
- Power Consumption 1300W (without sockets)
- Waterproof Sockets -Two, total load 500W
- Exhaust Duct 4m PVC, Ø300mm + exhaust blower included
- Work Surface Height. 750mm
- Power Supply AC 220V±10%, 50/60Hz