



BIOLOGICAL SAFETY CABINET

DS-1600IIB2



Product Overview

- Class II type B2 Biosafety Cabinet air flow mode: 100% efflux.
- The outer box is made of high-quality cold-rolled steel plate and electrostatic sprayed, three sides of the operation area adopt integrated stainless steel structure. The internal cleanable parts are treated with 10mm large rounded corners for easy cleaning.
- Equipped with two HEPA filters, filter efficiency: ULPA@0.12μm99.9995%, the filter membrane is made of borosilicate glass fiber without partition.
- High quality fan, wind speed can be automatically adjusted, low noise. Equipped with high sensitivity, high precision breeze speed sensor, non-pressure difference sensor, real and real-time monitoring of wind speed.
- 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.
- Equipped with height limit/low limit alarm device, sound and light remind when the moving glass door exceeds or falls below the specified value.
- The unique negative pressure anti-leakage design, the working area is surrounded by negative pressure on all sides, zero leakage to ensure the cleanliness of the operating area.
- Front window integrated sliding door, can be positioned arbitrarily, and UV lamp can be opened when completely closed.
- The front window glass door is made of 6mm thick safety tempered glass.
- UV lamp has reservation and timing functions.
- Equipment includes one spare socket.
- 10°tilt design, more ergonomic power, making the operator more comfortable

| MODEL NO | DS-1600IIB2 |
|-----------------------------------|---|
| Cleanliness level | HEPA: ISO Class 4 (Class10) |
| Supply air velocity | 0.33±0.025m/s |
| Inflow air velocity | 0.53±0.025m/s |
| Noise | ≤67dB |
| Vibration semi-peak value | ≤5μm |
| Power / Maximum power consumption | AC 220V / 50HZ / 1.5KW |
| Biosecurity personnel protection | All impact sampler samples CFU≤10, Slit sampler CFU≤5 |
| Product protection | All petri dish samples CFU≤5 |
| Cross-contamination protection | All petri dish samples CFU≤2 |
| Dimension of working area | 1600x520x640 mm |
| Overall dimension | 1765x760x2200 mm |
| Illumination | ≥900LX |
| Weight | 280kg |
| Number of Operator | Double / Triple |
| Draft direction | Top |