



## VERTICAL LAMINAR AIRFLOW BER1BL1

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## LAMINAR FLOW CABINET (DESKTOP TYPE)



1. filter with efficiency: 99.995% at 0.3um.
2. Microprocessor control system, LED Display, Air speed adjustable, HEPA filter and sterilization lamp replacement reminder function
3. Desktop type, which can place higher equipment inside. Standard with universal power socket, optional internal and external USB port.
4. Filter is polyester fiber, washable and anti-oxidation.
5. Working. plate can load up to 50KG= UV lamp will be turn off automatically when open the glass window to protect users.

## SPECIFICATIONS

| Model                       | BER1BL1                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicable Station          | one person one side                                                                                                                                          |
| Airflow Direction           | Vertical                                                                                                                                                     |
| Function                    |                                                                                                                                                              |
| --Cleanliness               | Class 100 (ISO Class 5)                                                                                                                                      |
| --Collection Efficiency     | 0.3um particle ≥99.995%                                                                                                                                      |
| --Colony count              | ≤0.5/vessel (petri dish is Φ90mm)                                                                                                                            |
| --Wind Speed                | initial: 0.5; final: 0.2 (m/s)                                                                                                                               |
| --Wind Speed Range          | 0.2-0.5 (m/s)                                                                                                                                                |
| --Noise Level               | ≤62db                                                                                                                                                        |
| --Vibration Semi-peak Value | ≤3um                                                                                                                                                         |
| --Illuminant Intensity (Lx) | ≥500LX (Activity Center)                                                                                                                                     |
| --Work Surface              | 50kg                                                                                                                                                         |
| Composition                 |                                                                                                                                                              |
| --Inner Chamber             | SUS304 Stainless steel plate                                                                                                                                 |
| --Outer Shell               | Cold rolling steel electrostatic spraying exterior                                                                                                           |
| --Operation Door            | Tempered Glass                                                                                                                                               |
| --HEPA Filter (mm)          | 780*533*50 one piece                                                                                                                                         |
| --Pre-Filter (mm)           | 532*446*5 one piece                                                                                                                                          |
| --Fluorescent Lamp          | 8W*1                                                                                                                                                         |
| --UV Lamp                   | 8W*1                                                                                                                                                         |
| --Top Fan                   | 160W one piece                                                                                                                                               |
| --Rated power               | 180W                                                                                                                                                         |
| Controller                  |                                                                                                                                                              |
| --Display                   | LED                                                                                                                                                          |
| --Wind Speed Control        | Intelligent multi-level adjustable                                                                                                                           |
| ---Additional Function      | Built in 1 multi-purpose socket, high-efficiency filter, sterilization lamp replacement prompt, foot level adjustment, open the door and cut off UV function |
| Specification               |                                                                                                                                                              |
| --Inner Size (W*L*H) mm     | 788*613*700                                                                                                                                                  |
| --Exterior Size (W*L*H) mm  | 852*749*1062                                                                                                                                                 |

|                                 |                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------|
| --Packing Size (W*L*H) mm       | 972*870*1292                                                                                                 |
| --Max power of universal socket | 800W                                                                                                         |
| --Current Rating (50/60Hz)      | AC220V/0.8A                                                                                                  |
| --NW/GW kg                      | 90/120                                                                                                       |
| Optional                        | USB internal and external data connection socket, color LCD controller, Special configuration for 3D printer |
| Alt Name                        | Laminar Flow Cabinet (Desktop Type)                                                                          |



## APPLICATIONS

Table type clean equipment.



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