



## VERTICAL LAMINAR AIRFLOW BER-3505

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## NEW LAMINAR FLOW CABINET



1. Vertical manifold and quasi-closed 304 stainless steel table surface can effectively prevent external gas penetration into the operating clean area.
2. Centrifugal fan, stable speed, low noise, light touch air volume control system, five-stage wind speed control, speed 0.2-0.6m/s adjustable, (initial: 0.6m/s; Final: 0.2m/s).
3. High quality air filter without partition, good purification effect.
4. LCD color screen controller (with sterilization timer, built-in socket instrument controllable switch, front window status display, can set three interlock, cumulative work timing, remote control).
5. CJ-1DIII, CJ-2DIII, CJ-1SIII, CJ-2SIII: wind speed sensor.
6. Automatic cutting off UV lamp function by opening glass.

## SPECIFICATIONS

| Model                       | BER-3505                                                                                                                                                      |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicable Station          | one person one side                                                                                                                                           |
| Airflow Direction           | Vertical                                                                                                                                                      |
| Function                    |                                                                                                                                                               |
| --Cleanliness               | Class 100                                                                                                                                                     |
| --Collection Efficiency     | 0.3um partial ≥99.995%                                                                                                                                        |
| --Colony Count              | ≤0.5/Vessel (petri dish is Φ90mm)                                                                                                                             |
| --Wind Speed                | initial: 0.6; final: 0.2 (m/s)                                                                                                                                |
| --Wind Speed Range          | 0.2-0.6 (m/s)                                                                                                                                                 |
| --Noise Level               | ≤62db                                                                                                                                                         |
| --Vibration Semi-peak Value | ≤3um                                                                                                                                                          |
| --Illumination Intensity    | ≥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)          | 900*640*50 one piece                                                                                                                                          |
| --Pre-Filter                | 464*360*5 one piece                                                                                                                                           |
| --Fluorescent Lamp          | 16W*2                                                                                                                                                         |
| --UV Lamp                   | 20W*1                                                                                                                                                         |
| --Top Fan                   | 180W one piece                                                                                                                                                |
| --Rated Power               | 240W                                                                                                                                                          |
| Controller                  |                                                                                                                                                               |
| --Display                   | LCD color screen                                                                                                                                              |
| --Wind Speed Control        | Intelligent multi-level adjustable                                                                                                                            |
| --Additional Function       | Built-in 2 multi-purpose sockets, high-efficiency filter, sterilization lamp replacement prompt, foot level adjustment, lighting sterilization one key on/off |
| Specification               |                                                                                                                                                               |
| --Inner Size (W*L*H)        | 920*690*650                                                                                                                                                   |
| --Exterior Size (W*L*H)     | 1060*763*1834                                                                                                                                                 |

|                                    |                          |
|------------------------------------|--------------------------|
| --Packing Size (W*L*H)             | 1210*885*1999            |
| --Max power of universal socket    | Single socket: 800W      |
| --Current Rating (50/60Hz)         | AC220V/1.8A              |
| --NW/GW (kg)                       | 160/200                  |
| Optional Accessories               | NO.                      |
| wind speedwind speed sensor sensor | yes                      |
| Alt Name                           | New Laminar Flow Cabinet |

## APPLICATIONS

Vertical flow, airflow direction in the work space down from top to bottom



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