

# Laminar Flow Cabinet (Horizontal Type)

○ The horizontal flow, airflow direction from the back to the forward.

## Characteristics:

- Horizontal laminar flow, with SUS 304 stainless steel bench board, effectively prevents external air into the cleaning work environment.
- High quality low noise centrifugal fan ensures the stable speed. touch type air flow control system, the five sections wind speed control.
- High quality filter ensures dust can be filtered more than 0.3um.



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## Main Technical Parameters:

| Model              |                               | HS840                                                                              | HS1300                |
|--------------------|-------------------------------|------------------------------------------------------------------------------------|-----------------------|
| Applicable Station |                               | one person one side                                                                | two persons one side  |
| Airflow Direction  |                               | Horizontal                                                                         |                       |
| Function           | Cleanliness                   | Class 100                                                                          |                       |
|                    | Collection Efficiency         | ≥ 99.9% of 0.5um particle                                                          |                       |
|                    | Colony Count                  | ≤ 0.5/vessel (petri dish is φ 90mm )                                               |                       |
|                    | Wind Speed                    | initial:0.6 ( m/s ) , final: 0.2 ( m/s )                                           |                       |
|                    | Wind Speed Range              | 0.2-0.6 ( m/s )                                                                    |                       |
|                    | Noise Level                   | ≤ 62db                                                                             |                       |
|                    | Vibration Semi-Peak Value     | ≤ 3um                                                                              |                       |
|                    | Illumination Intensity ( Lx ) | ≥ 300LX ( Activity Center )                                                        |                       |
|                    | Work Surface Bearing          | 50kg                                                                               |                       |
| Composition        | Inner Chamber                 | Stainless steel plate                                                              |                       |
|                    | Outer Shell                   | Cold rolling steel electrostatic spraying exterior                                 |                       |
|                    | Operation door                | No                                                                                 |                       |
|                    | HEPA Filter ( mm )            | 760*610*50 one piece                                                               | 610*610*50 two pieces |
|                    | Pre-Filter ( mm )             | 760*610*5 one piece                                                                | 610*610*5 two pieces  |
|                    | Fluorescent Lamp              | 20W*1                                                                              | 30W*1                 |
|                    | UV Lamp                       | 20W*1                                                                              | 30W*1                 |
|                    | Bottom Fan                    | 300W one piece                                                                     | 300W two pieces       |
| Controller         | Display                       | LED                                                                                |                       |
|                    | Wind Speed Control            | Intelligent multi-level adjustable                                                 |                       |
|                    | Additional Function           | The bottom horizontal adjustment, one key to open and close lighting sterilization |                       |
| Specification      | Inner Size (W*L*H)(mm)        | 660*650*570                                                                        | 1210*660*570          |
|                    | Exterior Size (W*L*H)(mm)     | 840*825*1340                                                                       | 1300*810*1440         |
|                    | Packing Size (W*L*H)(mm)      | 1040*1020*1620                                                                     | 1460*990*1570         |
|                    | Max Power                     | 0.4kW                                                                              | 0.8kW                 |
|                    | Current Rating ( 50/60Hz )    | AC220V/1.8A                                                                        | AC220V/3.6A           |
|                    | NW/GW kg                      | 120/170                                                                            | 170/235               |