

## CLASS II A2 Biosafety Cabinet

◎ Table type clean equipment.

### Characteristics:

- Color 7.0 inch touch screen controller
- Standard with high precision thermal wind sensor
- With reservation timing sterilization function,three-level authority management function,high efficiency filter,sterilization lamp service life display,built-in socket instrument controllable switch function, front window status display function, can set three position interlock function, cumulative work timing function.
- Optional: ULPA Filter



### Main Technical Parameters:

| Model                       |                                 | FS-600IIA2                                                                                                                                                                                                                                                                                                       | FS-950IIA2               | FS-1350IIA2               | FS-1550IIA2                | FS-1850IIA2                |
|-----------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|----------------------------|----------------------------|
| Classification              |                                 | A2: 30 %efflux, 70%internal circulation                                                                                                                                                                                                                                                                          |                          |                           |                            |                            |
| Function                    | Cleanliness                     | Class 100                                                                                                                                                                                                                                                                                                        |                          |                           |                            |                            |
|                             | Collection Efficiency           | 0.3um partial ≥ 99.995%                                                                                                                                                                                                                                                                                          |                          |                           |                            |                            |
|                             | Colony count                    | ≤ 0.5个/vessel ( petri dish is φ 90mm )                                                                                                                                                                                                                                                                           |                          |                           |                            |                            |
|                             | Noise Level                     | ≤ 67db                                                                                                                                                                                                                                                                                                           |                          |                           |                            |                            |
|                             | Vibration Semi-peak Value       | ≤ 5um                                                                                                                                                                                                                                                                                                            |                          |                           |                            |                            |
|                             | Downflow Velocity               | 0.33 ± 0.025m/s                                                                                                                                                                                                                                                                                                  |                          |                           |                            |                            |
|                             | Inflow Velocity                 | 0.53 ± 0.025m/s                                                                                                                                                                                                                                                                                                  |                          |                           |                            |                            |
|                             | Lumination                      | Average luminance ≥ 650lx,the measured value of each illuminance ≥ 430lx                                                                                                                                                                                                                                         |                          |                           |                            |                            |
| Total air exhaust of system |                                 | 230m³/h                                                                                                                                                                                                                                                                                                          | 363m³/h                  | 500m³/h                   | 591m³/h                    | 705m³/h                    |
| Composition                 | Work surface                    | SUS304 Stainless steel plate                                                                                                                                                                                                                                                                                     |                          |                           |                            |                            |
|                             | Outer Shell                     | Cold rolling steel electrostatic spraying exterior                                                                                                                                                                                                                                                               |                          |                           |                            |                            |
|                             | Operation Door                  | Tempered Glass                                                                                                                                                                                                                                                                                                   |                          |                           |                            |                            |
|                             | HEPA filter ( mm )              | 570*380*69<br>570*460*69                                                                                                                                                                                                                                                                                         | 520*420*69<br>980*495*69 | 920*420*69<br>1380*470*69 | 1120*420*69<br>1580*495*69 | 1420*420*69<br>1880*495*69 |
|                             | Fluorescent Lamp Power          | 8W*2 ( LED )                                                                                                                                                                                                                                                                                                     | 8W*2 ( LED )             | 16W*2 ( LED )             | 16W*2 ( LED )              | 16W*2 ( LED )              |
|                             | UV Light Power                  | 15W*1                                                                                                                                                                                                                                                                                                            | 15W*1                    | 40W*1                     | 40W*1                      | 40W*1                      |
|                             | Fan                             | 125W one piece                                                                                                                                                                                                                                                                                                   | 734W one piece           | 734W one piece            | 860W one piece             | 860W one piece             |
|                             | Rated Power                     | 1030W                                                                                                                                                                                                                                                                                                            | 1600W                    | 1800W                     | 2200W                      | 2200W                      |
| Controller                  | Working height of front window  | 200mm                                                                                                                                                                                                                                                                                                            | 200mm                    | 200mm                     | 200mm                      | 200mm                      |
|                             | Maximum height of front window  | 280mm                                                                                                                                                                                                                                                                                                            | 440mm                    | 440mm                     | 440mm                      | 440mm                      |
| Controller                  | Display                         | Full color 7.0-inch touch screen                                                                                                                                                                                                                                                                                 |                          |                           |                            |                            |
|                             | Additional Function             | Reservation timing sterilization function,three-level authority management function,high efficiency filter, sterilization lamp service life display,built-in socket controller to control switch function,front window status display function,three position interlock function,cumulative work timing function |                          |                           |                            |                            |
| Specification               | Operating Area Size ( W*L*Hmm ) | 600*500*540                                                                                                                                                                                                                                                                                                      | 950*625*628              | 1350*652*600              | 1550*625*628               | 1850*625*628               |
|                             | Exterior size ( W*L*Hmm )       | 700*650*1919                                                                                                                                                                                                                                                                                                     | 1100*795*2250            | 1500*772*2235             | 1700*795*2250              | 2000*795*2250              |
|                             | Packing Size ( W*L*Hmm )        | 830*793*1362                                                                                                                                                                                                                                                                                                     | 1240*1135*1875           | 1640*1135*1875            | 1840*1135*1875             | 2140*1135*1875             |
|                             | Max Power of Universal Socket   | Single socket: 800W                                                                                                                                                                                                                                                                                              |                          |                           |                            |                            |
|                             | NW/GW kg                        | 160/200                                                                                                                                                                                                                                                                                                          | 294/354                  | 320/400                   | 368/428                    | 401/461                    |