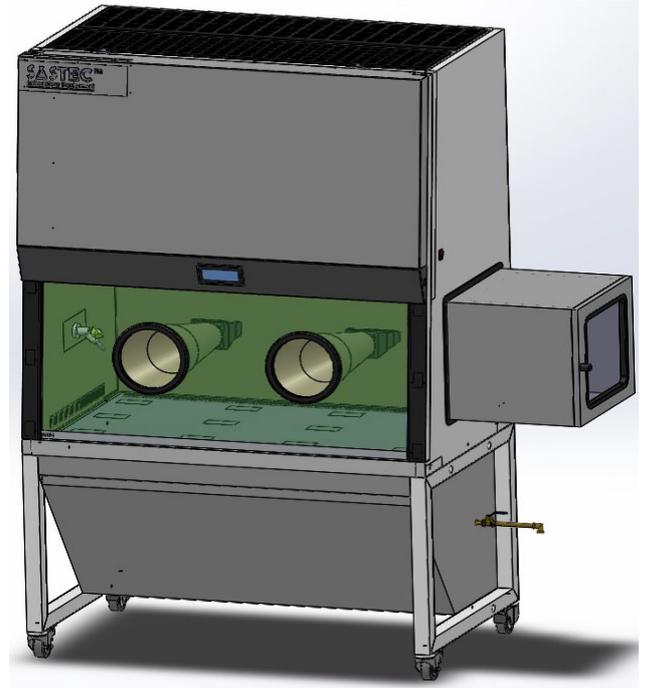


## ULPASAFE Biohazard Class III Digital Touch Screen, Active Touch Control System (PLC)

- SASTEC ULPASAFE Biological Safety Cabinet Class II B is a made-in Malaysia product with advance technologies features. They are superior to most other established brand available in Malaysia.
- With Australian Certified blower. All material used are suitable for operation in cleanroom environment.
- Digital touch screen controller for the power, air flow speed, UV and fluorescent light.
- The controller comes with count down timer for UV light and ULPA filter enable operator replace UV light and ULPA filter when reach setting time thus enable the activation of UV light function to sterile the works surface.
- Filter is mounted and protected by aluminium frame work with gasket to provide leak-free condition.
- Pre warm-up and delay shut down
- With user password
- Real time and date
- Self-diagnosis
- Australian Certified blower
- Stainless steel interior
- Explosion proof front sash
- Automatic shut down if ULPA Filters fails or break
- Work top constructed with AISI 304 stainless steel, chip and rust free also removable one piece work top
- Internal one piece stainless steel with rounded corners
- Standard features with 2 electrical sockets, gas tap, UV Light, Fluorescent light and stand
- 12 months warranty period against manufacturer's defect on non consumable parts.
- Supply with test report.
- Active Touch Control System (PLC).
- Data download by Active touch control system.
- Touch screen panel is located directly above operator for easy access

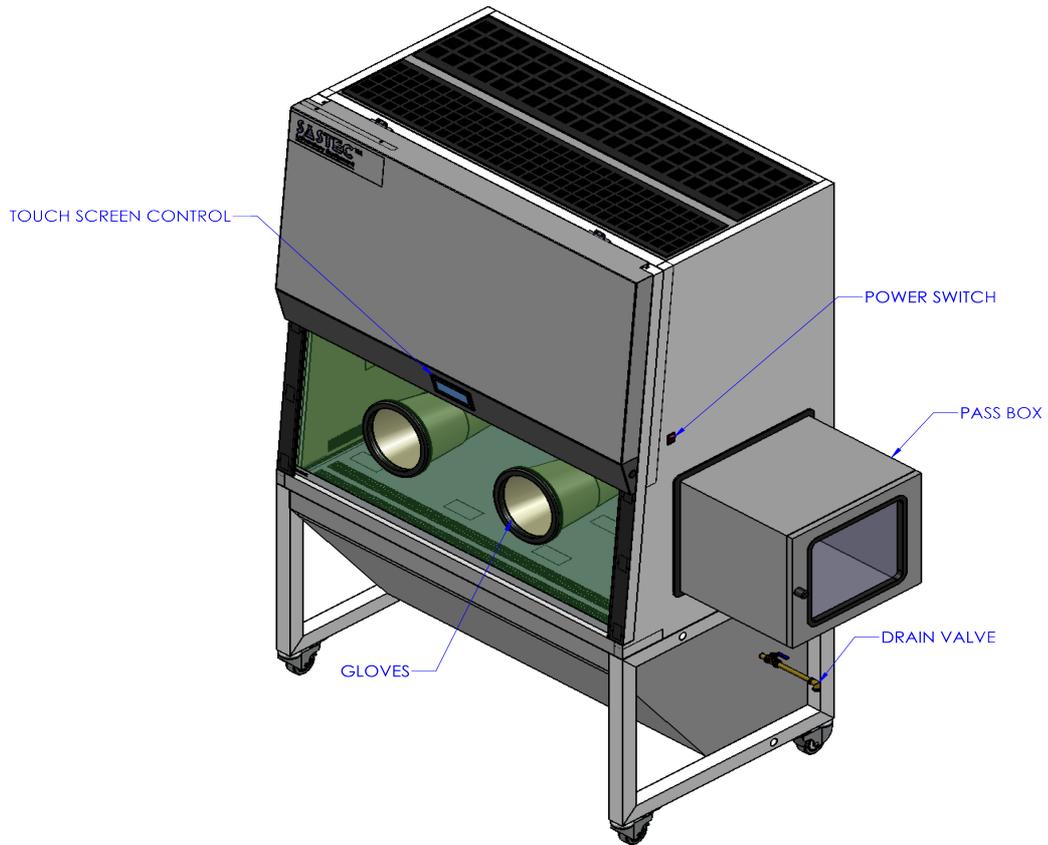


- 3pcs ulpa filtration system complete welded construction for ensure an air-tight carcass for operator and environment safety.
- Ulp filters are tested to a typical efficiency as 99.999% for a 0.1 to 0.3 micron particles.
- Active touch control system to monitor and control of air flow inside negative pressure environment.

### Specification of ULPASAFE Biohazard Class III Digital

| Model                                 |                                | ULPASAFE CIII 4FT                        |
|---------------------------------------|--------------------------------|--|
| Voltage/ Hz                           |                                | 200~ 240V 50/60 Hz                       |
| Power                                 |                                | 315W x 2 Units                           |
| Noise Level                           |                                | <65dB (A)                                |
| Vibration                             |                                | >3 um                                    |
| Control System                        |                                | SASTEC PLC & Touch Screen (Active Touch) |
| Fluorescent Light                     |                                | Intensity >850 Lux                       |
| Working Zone (W x D x H) mm           |                                | 1220W x 712D x 585H mm                   |
| Overall Dimension (W x D x H) mm      |                                | 1289W x 794D x 2050H mm                  |
| Pass Box Size Internal (W x D x H) mm |                                | 400W x 390D x 340H                       |
| Pass Box Size Internal (W x D x H) mm |                                | 480W x 400D x 400H                       |
| Weight                                |                                | 200Kg                                    |
| Draining                              |                                | Electric Valve                           |
| Gloves                                |                                | One Pair 800mm Butyl Rubber Gloves       |
| Construction                          | Cabinet                        | Powder Coating Paint & E.G Steel         |
|                                       | Front Window                   | UV Safe Polycarbonate                    |
|                                       | Work Base                      | Stainless Steel AISI 304                 |
| Touch Screen Operating Panel          | Security                       | User Password                            |
|                                       | Self Diagnosis                 | Auto                                     |
|                                       | Pre-UV Timer                   | Selectable Timer                         |
|                                       | Air Status                     | Air Save                                 |
|                                       | ULPA Filter 6,000 Hours        | Count Down Hour                          |
|                                       | UV Light 2,000 Hours           | Count Down Hour                          |
|                                       | Alarm                          | Warning Screen & Audio Alarm             |
|                                       | Filter Fail or Break           | Warning Screen                           |
|                                       | Real Time & Date               | Yes                                      |
|                                       | Working Time                   | Yes                                      |
| Filter                                | Down Flow Filter               | ULPA                                     |
|                                       | Filter Efficiency              | 99.9995% (0.1um-0.2um)                   |
|                                       | First Exhaust Filter           | ULPA                                     |
|                                       | Filter Efficiency              | 99.9995% (0.1um-0.2um)                   |
|                                       | Second Exhaust Filter          | ULPA                                     |
|                                       | Filter Efficiency              | 99.9995% (0.1um-0.2um)                   |
| Pre-Filter                            | Washable                       |  |
| Air Flow System                       | Downflow Velocity              | 0.45 m/s ±0.5                            |
|                                       | Inflow Velocity                | 0.65 m/s ±0.05                           |
|                                       | Inside Volume of Working Space | 0.508 m3                                 |
|                                       | Volume of treated air per hour | 1125 m3/ hour                            |

**Diagram & Part List**



**Air Flow Diagram**

