



**BIOSAFETY CABINET**

**CLASS III**

**SPECIFICATION,**

**FEATURE**

**&**

**QUOTATION**



# BIOSAFETY CABINET CLASS III SPECIFICATION

SR NO	SPECIFICATION
1	ULPA filters will be MINIPLATE with 99.99% efficiency for 0.3 micron with integral metal guards & filter frame gaskets and manufactured in class 100 super clean air conditioned environment for longer life total no of TOTAL ULPA filter : 3 nos.
2	Air pressurization system statically and dynamically balanced, fitted with special vibration reducing system to suit low noise and vibrations.
3	UV lamp working zone (40 micro watts/ square cm at 254 mm or better) and placed so that the operator cannot see directly i.e. eyes should be always protected.
4	Pre filters with efficiency of more than 80%. 1 nos
5	Electrical sockets outlets for 15/5 amp. 1 nos
6	Pressure Monitors like Magnehelic gauge to indicate pressure drop acr.
7	8 mm toughened glass, anti-ultraviolet radiation
8	Negative work zone pressure
9	BSC SIZE : 915 W X 600 D X 600 H WORKING SIZE 1415 W X 800 D X 2100 FT H OUTER SIZE
10	Number of glove port 2 Glows size 6 inch D x 18 inch L

# BIOSAFETY CABINET CLASS III FEATURES

SR NO	FEATURES
1	Main body made in mild steel (Heavy gauge- 18G) With Powder Coated
2	Table top and working zone made of stainless steel (304 grade) Heavy gauge-18 G
3	UV lamp ensures work area sterilization effectively
4	Digital controller to indicate pressure busser for high air flow and low air flow
5	Cleanliness level less than 3.5 particles/ liter of 0.5 mm and larger.
6	Noise Level less than 65 db.
7	Vibration level: Less than 2.3 mm.
8	Average air flow $90\pm 20$ fpm (down flow).
9	Door Sami automatic.
10	Bio safety Stand with castor wheel
11	Exhaust air is double-filtered through high-quality ULPA filters with typical efficiency of 99.9995% for 0.12pm particles.
12	Pass box working Size 300 mm X 300 mm with Pass box UV light
13	Drain valve for easy cleaning
14	PAO Test port and Sterilization gas inlet and outlet port