

Specifications Deep freezer:

1. Power greater than 600W, voltage 220/50Hz.
2. Function for pre-freezing of samples mandatory.
3. Cryovial load capacity greater than 900 vials/batch
4. Each shelf area greater than 0.1m²
5. Minimum no of shelves 6/RACK
6. Cold trap temperature smaller than -55⁰C
7. LCD touches displaying drying curve with microprocessor control.
8. Maximum refrigerating capacity bearing slight noise of compressor along with Chlorofluorocarbons(CFC) free refrigerant.
9. Easy to clean, corrosion free 304 stainless racks and shelves
10. Drying chamber should be transparent, safe and easy to examine with adjustable shelf's height of the.
11. Condenser temperature should be less than -50°C.
12. Should be ISO 9001 certified.
13. Ultimate Vacuum < 10Pa
14. Capacity should be 4-6kg for 24hr
15. Vacuum pump power < 2KW.
16. Nitrogen inflammation valve should be present.
17. Vacuum pump contain oil mist filter for uninterrupted work
18. Vacuum pump attach with solenoid valve for anti back oil
19. Acrylic leak proof rack cover for maintaining ultimate vacuum.