

Vacuum Freeze Dryer



Vacuum Freeze Dryer

Common Features

- Lyophilization is the most way to preserve living cells, whole blood, vaccines, biological specimens, vegetable, meat, fish and general food.
- CFC refrigeration system cools collector to accurately.
- System shall be able to connect centrifugal concentrator and Gel dryer.
- Clear lid provides view of ice build-up on condenser.
- The condenser compartment is visible through a Pyrex glass cover so ice build-up on the condenser coil can be monitored during lyophilization.
- Removable front of panel provides easy access to refrigeration system and vacuum pump.
- High capacity refrigeration system ensures rapid cooling.
- Automatic start-up switch for collector cool down and vacuum pull down with manual override switches.
- Temperature and vacuum gauge are easy to monitor.



Flask Manifold Chamber



**Clear Chamber
CN3 (GENERAL Type)**

Clean Vac 8S

- CFC refrigeration system cools collector to -45°C.

Clean Vac 8

- Cascade systems have dual systems to cool collector to -85°C.
- Effective concentrating and drying system operation with pre-cooling unit range from -45°C to -85°C

Lab Freeze Dryer (cold trap temperature : - 85°C)

Model	CleanVac 8	CleanVac 12	CleanVac 18	CleanVac 25
Trap. chamber	310D x 250H/mm	310D x 300H/mm	310D x 350H/mm	310D x 450H/mm
Compressor	1/2HP x 2	3/4HP x 2	1HP X 2	2HP X 2
Max. capacity	8 liters	12 liters	18 liters	25 liters

labkorea