

FREEZE DRYER OR LYPHOLYZER(LI-LYFO-55)

APPLICATION :

Freeze drying has applications in a wide variety of industries which are as follows :

Food Processing, Dairy Industry, Nutraceuticals, Starters and Cultures, Pharmaceutical, Research, Document Recovery, Floral, Taxidermy etc.



FEATURES :

- Housed in a super structure steel frame it is mounted on caster wheel.
- Complete with Perspex see through lid, gasket and control instruments i.e. Digital temperature controller for measurement of Temp. (& electronic digital vacuum indicator for optional).
- The unit made out of hermetically sealed compressor and can be optionally fitted with 100Ltrs/min direct motor drive rotary vacuum pump of double stage with air ballast.
- High grade PUF insulated between outer and inner chamber for minimal thermal losses.
- Refrigeration coils made of copper bonded to outside of condenser heavily insulated. Temp. up to -140°C at ambient temperature of 20°C is maintained through a . Digital temperature indicator-cum-controller.
- Vacuum Drum has 6 or 12 ports manifolds (main drying chamber) made of stainless steel non-magnetic grade top cover.

TECHNICAL SPECIFICATIONS :

Model : LI-LYFO-55		
Capacity	3.25 Ltrs	5.25 Ltrs
No. of Tests	6 Tests	12 Tests
Vacuum Drying Drum Size	22.5 cm (Dia) x 25.5 cm (Ht)	
Body	Made of Powder coated CRC sheet	
Drying Chamber	Stainless Steel	
Temperature Range	Up to -30°C (from ambient)	
Temp. Controller	Digital Temp. Indicator-cum-Controller	
Vacuum Gasket	Made of Silicon Rubber	
Power Supply	230V AC, 50Hz	

OPTIONALS :

- Automatic Voltage Stabilizer.

Models, Features and Specifications subject to change without notice.