

Laboratory Freeze Dryers

The IFD Series is a laboratory freeze-dryer specially developed for basic research in biotechnology and scientific institutes.

Model IFD-5018

General features

- Air-cooled refrigeration system : Semi hermetically sealed. Ozone friendly refrigerant.
- Horizontally Acrylic chamber dryer
- PLC controlled system: a digital screen gives direct read-out of current condenser and vacuum temperatures during the various stages of the cycle.
- Two stage vacuum pump: Supplied with Gas-Ballast to remove water vapour or other condensible that could reach the pump. Exhaust filter included.



Specifications

Model IFD-5012

Condenser Temperature	- 50°C
Condenser Capacity in 24 Hours	18L
Overall Condenser Capacity	50 L
Condenser Type	Internal Coil (316 Stainless Steel)
System Refrigerant	CFC-Free
Defrost Method	Manual
Controller (Automation)	PLC Base LCD 3.7 inches
Vacuum Indication	Atmosphere to 0.001 Millibar
PC Interface	RS485(Optional)
Outer Dimensions: W x D x H*	1000 x 960 x 2000mm
Weight	550 kg
Standard Voltages	220V/380V(3PH)

LABORATORY AND INDUSTRIAL FREEZE DRYER COMPANY