



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

### 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

### Model IFD-5012



Specifications	Model IFD-5012
Condenser Temperature	- 50C°
Condenser Capacity in 24 Hours	12 L
Overall Condenser Capacity	32 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 1000 x 2000mm
Weight	500 kg
Standard Voltages	380V(3PH)

No 13,16.5 honar Alley,17 (Kaveh Bolvar) Street,Chahardange Industrial Area,Saeedy High Way ,Tehran,Iran  
**021-55448518      021-55272834**

[www.Denavacuum.ir](http://www.Denavacuum.ir)

آدرس کارخانه : تهران، اتوبان آیت ا... سعیدی  
 شهرک صنعتی چهاردانگه، بلوار کاوه ( خیابان ۱۷ )  
 خیابان ۱۶/۵ هنر پلاک ۱۳

۰۲۱-۵۵۴۴۸۵۱۸      ۰۲۱-۵۵۲۷۲۸۳۴

[Denavacuum@gmail.com](mailto:Denavacuum@gmail.com)