

SANAT PARDAZ DENA.Co.

Laboratory Freeze Dryer

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

General features

- -Bench mounted table-top unit:It houses the refrigeration system and the vacuum pump. Constructed in a steel stove enamelled cabinet with front door for maintenance purposes
- -Air-cooled refrigeration system : Hermetically sealed. Ozone friendly refrigerant.
- -A top transparent acrylic lid provides viewing of the ice forming process
- -PLC controlled system: a digital screen gives direct read-out of current condenser and vacuum temperatures during the various stages of the cycle.

Model FD-5010-BT



Specifications	Model FD-5010-BT
Condenser Temperature	- 50°C
Condenser Capacity in 24 Hours	10 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(Option)
Outer Dimensions: W x D x H*	800 x 650 x 380mm
Weight	50 kg

Address: Tehran. ayatollah saeeid highway. chahardangeh industrial town, 19th street. 4th felztarash. st.

NO.24

Website: http://Denavacuum.ir **Tel:** (+98) 21 55272834 -55287095

www.freezedryer.ir **whatsApp:** +989373792491 Standard Voltages 220V/50

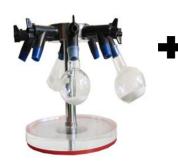
Accessories	Description
Chamber Dryer	Chamber300 mm Ø, with 3trays (for vials, serum bottles and raw material)
10Port Manifold Ampoule cannector	Silicon tube manifold 10
8 Port Manifold	Including 8 rubber three way valves for flasks
Vacuum Pump	Rottary Oil Vacuum Pump
Stoppering Chamber (Option)	Glass cylindrical chamber with 3 non thermostatized shelves and manual vial closing device. Includes 3 trays (for vials and serum)
Vacuum Valve	Rubber three way valves for flasks



Chamber Dryer



Vacuum Valve



8 Port Manifold



Vacuum Pump



Stoppering Chamber (Option)



10 Port Manifold

Ampoule cannector

(Option)

 $\emph{Address:}$ Tehran. ayatollah saeeid highway. chahardangeh industrial town, 19^{th} street. 4^{th} felztarash. st.

NO.24

 Website:
 http://Denavacuum.ir
 www.freezedryer.ir

 Tel:
 (+98)
 21
 55272834
 -55287095
 whatsApp:
 +989373792491