

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 mp. Constructed in a steel stove enamelled refrigeration system and the vacuum pu 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-8505-BT



Specifications

Model FD-8505-BT

Condenser Temperature	- 85°C
Condenser Capacity in 24 Hours	10L
Overall Condenser Capacity	14 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*	800 x 650 x 380mm
Weight	65 kg
Standard Voltages	220V/50

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: +98 9373792491

Accessories

Description

Chamber Dryer	Chamber 300 mm Ø, with 3 trays (for vials and raw material)
8 Port Manifold	Including 8 rubber three way valves for flasks
Vacuum Valve	Rubber three way valves for flasks
Vacuum Pump	Rottary Oil Vacuum Pump

Option

Stoppering Chamber (Option)	Glass cylindrical chamber with 3 non thermostatized shelves and manual vial closing device. Includes 3 trays (for vials and serum)
10 Port Manifold Ampoule connector	10 or 20 tube manifold Silicon



8 Vacuum Valve



Chamber Dryer



8 Port Manifold



Vacuum Pump



**Stoppering Chamber
(OPTION)**



**10 Port Manifold
Ampoule connector
(OPTION)**

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: +98 9373792491

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: *+98 9373792491*