SANAT PARDAZ DENA Co.LTD

Laboratory Freeze Dryer

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

FD-8524-URT

General features

- Standing pilot unit:It houses the refrigeration system and the vacuum pump.
- Constructed in a steel stove enamelled cabinet with front door for maintenance purposes
- Water 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.

HMI

The device control database is designed and written in PLC and HMI.

supports parameters such as start and end time, vacuum value and temperature.

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Specifications	Model FD-8524-URT
Condenser Temperature	- 85°C
Condenser Capacity in 24 Hours	24 L
Overall Condenser Capacity	46 L
Condenser Type	Internal Coil (316 Stainless Steel)
System Refrigerant	CFC-Free
Defrost Method	water
Controller (Automation)	PLC Base LCD 7 inch
Vacuum Indication	Atmosphere to 0.001 Millibar
PC Interface	RS485(Option)
Outer Dimensions: W x D x H*	850 x 650 x 2300mm
Weight	380 kg
Standard Voltages	380V3phases

ACCESSORIES	DESCRIPTION
21Port Manifold Ampoule cannector	Silicon tube manifold 21
Vacuum Pump	Rottary Oil Vacuum Pump
Vacuum Valve	Rubber three way valves for flasks

Vacuum Pump

Vacuum Valve

21 Port Manifold

Ampoule cannector

ISO 9001:2015

DENA VACUUM

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