

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

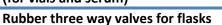
screen gives direct read-out of current condenser and vacuum temperatures during the various stages of the cycle.



Specifications	Model FD-5006-URT
Condenser Temperature	- 40°C
Condenser Capacity in 24 Hours	6 L
Overall Condenser Capacity	20 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*	400 x 650 x 900mm
Weight	65 kg
Standard Voltages	220V/50

ACCESSORIES	DESCRIPTION
Chamber Dryer	Chamber 250 mm Ø, with 4 trays
-	(for vials, serum bottles and raw material)
20Port Manifold	Silicon tube manifold 20
Ampoule cannector	
8 Port Manifold	Including 8 rubber three way valves for flasks
Vacuum Pump	Rottary Oil Vacuum Pump
therr devic	Glass cylindrical chamber with 3 non
	thermostatized shelves and manual vial closing
	device. Includes 3 trays
	(for vials and serum)
	Dubber three way values for floats

Vacuum Valve





Chamber Dryer



20 Port Manifold

Ampoule cannector



8 Port Manifold



Vacuum Pump



Stoppering Chamber



Vacuum Valve

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