



FDE-0250/0350



FDI-0950



FDS1250

1 Features

- From drying and to defrosting, the comfortable function of one touch operation make it easy to operate
- It is equipped with an automated purge system to protect samples by preventing of counter-flow of vacuum pump oil.
- At times of dissolving in vacuum to collect the sample in flask after freeze-drying, it has been safely designed and manufactured to prevent contamination of samples by inserting sterile air or nitrogen gas.

1 Features

- Shell freezing of the flask rolling type for freezing at a temperature below eutetic point
- The complete elimination of effervescence and dissolution of sample
- Preliminary freezing of membrane form suppress hardening of sample's surface, concentration and aging
- During desiccation, the display of degree of vacuum must be clear to recognize the sample temperature accurately

2 Specifications

Model		FDE-0250	FDE-0350	FDI-0650	FDI-0950	FDI-1250
Capacity		2 liter	3 liter	6 liter	9 liter	12 liter
Chamber (DxH)		250x230mm	250x280 mm		250x350mm	250x400mm
Refrigeration system	Compressor	1/3 Hp		1/2Hp		
	Temperature	-50 °C / Option : -75 to -85 °C				
Vacuum Pump		100 L/min		200L/min	400L/min	
Defrosting system		Heater system				
Control & Display		Microprocessor control & digital LED display				
Power source		220VAC, 50/60Hz				
Overall (WxDxH)		550x550x420mm	600x600x880 mm	700x725x880 mm		
Weight (Kg)		100	110	125	130	135
Model		FDS-0650	FDS-0950		FDS-1250	
Capacity		6 liter	9 liter		12 liter	
Chamber (DxH)		250x280mm	250x350mm		250x400mm	
Refrigeration system	Compressor	1/3 Hp		1/2Hp		
	Temperature	-50 °C / Option : -75 to -85 °C				
Vacuum Pump		200L/min			400L/min	
Defrosting system		Heated door defrosting				
Control & Display		Microprocessor control & digital display				
Power source		220VAC, 50/60Hz				
Shell freezing system	Bath	176Wx325Bx150H(mm)				
	Compressor	1/3HP				
	Temperature	-40 °C				
	Flask	300ml , 600ml, 900ml x 1 each				
Overall (WxDxH)		1000x725x880 mm				
Weight (Kg)		180	185		190	