



 LABTRON

Manifold Freeze Dryer

LBFD-D1 Series

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Manifold Freeze Dryer LBFD-D1 series are compact table-top units with 3 kg condenser capacity and condenser temperature options of either - 55 °C used for drying aqueous specimens or - 80 °C for specimen's containing solvents .It allows larger glassware like flasks to be dried independent of the shelving units. Flasks can be added and removed independently without disturbing the surrounding flask's activity. Built in oil mist filtration system and vacuum pump oil return device helps in maintenance of vacuum pressure and prevention of oil leakage.

Features

- » Ice condenser capacity is 3 kg / 24 h
- » Condenser temperature (- 55 °C / - 80 °C)
- » Vacuum pump oil return
- » Oil mist filtration system
- » Clear acrylic door for easy product viewing during processing
- » Easy to clean and anti-corrosion cold trap and operating table
- » Display of sample temperature , vacuum curve degree , cold trap temperature curve

Specifications

Model No.	LBFD-D10	LBFD-D11
Condenser temperature	- 50 °C	- 80 °C
Condenser capacity	3 kg / 24 h	3 kg / 24 h
Freeze drying area	0.12 m ²	0.18 m ²
Bulk capacity	1.2 L	1.8 L
Display	LCD touch screen	LCD touch screen
Shelves	4 - 6 shelves	4 - 6 shelves
Shelves dimension	Φ 200 mm	Φ 200 mm
Final Vacuum	< 10 Pa	< 10 Pa
Voltage	220 V / 50 Hz	220 V / 50 Hz
Dimensions	565 x 420 x (360 + 430) mm	830 x 680 x (400 + 430) mm
Weight	105 kg	180 kg