

labodam



# TOP PRESS FREEZE DRYER

LBFD-C1 SERIES

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## Top Press Freeze Dryer LBFD-C1 Serie

Top press Freeze Dryer LBFD-C1 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 provides feasibility of vial Lyophilization. Precise vacuum control enables faster freeze drying and reproducible results. 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
- » Facilitates connection of different sizes of flasks ranging from 100 ml to 1000 ml
- » 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-C10	LBFD-C11
Condenser temperature	- 50 °C	- 80 °C
Condenser capacity	3 kg / 24 h	3 kg / 24 h
Freeze drying area	0.08 m <sup>2</sup>	0.1 m <sup>2</sup>
Bulk capacity	0.8 L	1 L
Vial capacity Φ 12 mm	656 pieces	656 pieces
Vial capacity Φ 16 mm	372 pieces	372 pieces
Vial capacity Φ 22 mm	196 pieces	196 pieces
Display	LCD touch screen	LCD touch screen
Shelves	4 shelves	4 shelves
Shelves dimension	Φ 180 mm	Φ 180 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	80 kg	84 kg