

labodam



T-TYPE FREEZE DRYER

LBFD-B1 SERIES

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T-type Freeze Dryer LBFD-BI Series

T-type Freeze Dryer LBFD-BI 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. The T-type manifold accommodates 24 ampoules via the rubber adaptors. 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
- Accommodates 24 ampoules via rubber adaptors
- Easy to clean and anti-corrosion cold trap
- Display of sample temperature , vacuum curve degree , cold trap temperature curve

Specifications

Model No.	LBFD-B10	LBFD-B11
Condenser temperature	- 50 °C	- 80 °C
Condenser capacity	3 kg / 24 h	3 kg / 24 h
Cold trap depth	140 mm	150 mm
Dimensions	565 x 420 x (360 + 430) mm	830 x 680 x (400 + 430) mm
Pumping rate	2 L / second	2 L / second
T-frame size (H x L)	430 x 480 mm	430 x 480 mm
Display	LCD touch screen	LCD touch screen
Number of sealed valves	24 pieces for 24 ampoules	24 pieces for 24 ampoules
Cold trap diameter	Φ 215 mm	Φ 215 mm
Final Vacuum	< 5 Pa	< 10 Pa
Voltage	220 V / 50 Hz	220 V / 50 Hz
Weight	70 kg	85 kg