



STANDARD FREEZE DRYER LPFD-B10

Standard Freeze Dryer LPFD-B10 is designed to handle lyophilization needs for scale up production. Equipped with 6 kg condenser capacity and a temperature of -80 °C for effective lyophilization. It's ideal for freeze drying samples with low eutectic temperatures. The temperature controllable shelves are designed for complete moisture removal and storage facilities of various biological materials. Precise vacuum control enables faster freeze drying and reproducible results.

Features

- ❑ Ice condenser capacity is 6 kg / 24 h
- ❑ Condenser temperature (- 80 °C)
- ❑ Vacuum pump oil return
- ❑ Oil mist filtration system
- ❑ Automatic batch control production
- ❑ 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
- ❑ Hot gas defrost and smooth-walled condensers for minimal delay between runs
- ❑ Real time alarm for fault detection
- ❑ Automatic data and history save

Application

Standard Freeze Dryer is used to preserve perishable materials, with the goal of extending their shelf life and/or preparing them for transport across biological, biomedical, food processing and preservation etc.

Specifications

Model	LPFD-B10
Condenser temperature	-80°C
Condenser capacity	6 kg / 24 h
Freeze drying area	0.4 m ²
Bulk capacity	4 L
Vial capacity Φ 12 mm	2600 pieces
Vial capacity Φ 16 mm	1440 pieces
Vial capacity Φ 22 mm	728 pieces
Display	LCD touch screen
Shelves	4 shelves
Shelves dimension (LxB)	300x340 mm
Shelf temperature	-70°C to +80°C
Final Vacuum	< 10 Pa
Voltage	220 V / 50 Hz
Power	2800 W
Dimensions	880 x 735 x 1310 mm
Weight	300 kg