



## FREEZE DRYER BFFT-103-B

## FREEZE DRYER BFFT-103-B

Compact, stainless steel unit with casters for easy movement, Floor type freeze dryer provides unmatched process accuracy and reliability in performance. It optimizes your space requirements and reduces energy consumption. Used in Perishable Substances, Waste Products, Laboratory, Research, Proteins, Organic Tissues, Waste Products, Plant Material, Polymers, Pharmaceuticals, Nutraceuticals, Plant material.

Also known as Floor Standing Freeze Dryer, Freeze Drying Equipment, Floor Type Freeze Dryer, Laboratory Floor Type Freeze Dryer, laboratory Floor Standing Freeze Dryer, Laboratory Freeze Drying Equipment, Floor Standing Lyophilizer, Floor Type Lyophilizer, T-Manifold Freeze Dryer.

## BFFT-103-B FREEZE DRYER



- Condenser, operation panel, shelves and trays are made of stainless steel
- Drying chamber is equipped with organic glass for safety and visibility
- Low noise compressor with long shelf life and high efficiency
- Features vacuum freeze drying technology
- Drying curves are displayed on LCD screen
- Condenser has pre-freezing function
- CFC free environment friendly refrigeration with low maintenance
- Features nitrogen valve and eutectic test device (optional)

## SPECIFICATIONS

Model	BFFT-103-B
Type	Manifold
Capacity	1.2 L
Condenser Temperature	-80°C
Water Holding Capacity	3-4 /24h
Freeze Drying Surface Area	0.12 m <sup>2</sup>
Pre Freeze Shelf Dimension	φ 200 mm
Vacuum Degree	< 10 Pa
Pump Flow Rate	2 L/sec
Vial φ 22	260
Vial φ 16	480
Vial φ 12	920
Overall Dimension (mm)	660x460x(710+430)
Shelves	4
Weight	85/115 kg
Power	1071
Power Supply	220V, 50Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Trays	Temperature
1900606006	Nitrogen inflation valve			

1900606007	Exhaust filter/ Oil mist filter for pump			
1900606008	Air inlet filter for pump			
1900606009	Anti oil return valve for pump			
1900606010	Electricity heating defrosting			
1900606011	Electric heating shelf			
1900606012	Trays	Trays : dia. 180mm/ dia.200mm	Diameter 180mm/200mm	
1900606013	RS232 and software	Check and keep freeze drying data on computer; control freeze dryer through PC		
1900606014	-80°C Condenser	Minimum condenser temperature as -80°C		Min. condenser temperature as -80°C



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
 Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)