BioLAB

PRODUCT CATALOG

FLOOR TYPE FREEZE DRYER BFFT-103-B

CE ISO9001 CERTIFIED

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FREEZE DRYER

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.

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
Capacity	1.2 L
Condenser Temperature	-80°C
Water Holding Capacity	3-4 /24h
Freeze Drying Surface Area	0.12 m²
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
Alt Name	Manifold Type

ACCESSORIES FOR PURCHASE

No	Name	Description	Trays	Temperature
1	Nitrogen inflation valve			
2	Exhaust filter/ Oil mist filter for pump			
3	Air inlet filter for pump			
4	Anti oil return valve for pump			
5	Electricity heating defrosting			
6	Electric heating shelf			
7	Trays	Trays : dia. 180mm/ dia.200mm	Diameter 180mm/200mm	

8	RS232 and software	Check and keep freeze drying data on computer; control freeze dryer through PC		
9	-80°C Condenser	Minimum condenser temperature as -80°C		Min. condenser temperature as -80°C

APPLICATIONS

Perishable Substances, Waste Products, Laboratory, Research, Proteins, Organic Tissues, Waste Products, Plant Material, Polymers, Pharmaceuticals, Nutraceuticals, Plant material.

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