PRODUCT CATALOG

FREEZE DRYER BFBT-104-A

ISO9001 CERTIFIED

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FREEZE DRYER BFBT-104-A

Simple and economical means of freeze drying for stabilization of living material and preservation of fragile substances. Equipped with vacuum freeze drying technology and customizable tray spacing, this is the right product for your small scale freeze drying requirements.
Used in Laboratory, Research, Proteins, Organic Tissues, Waste Products, Plant Material, Polymers, Pharmaceuticals, Nutraceuticals, Plant material.
Also known as Benchtop Freeze Dryer, Tabletop Lyophilizer, Laboratory Benchtop Freeze Dryer, Laboratory Tabletop Lyophilizer, Benchtop Lyophilizer, Laboratory Benchtop Lyophilizer, T-Manifold Freeze Dryer.

BFBT-104-A FREEZE DRYER

- Condenser, control panel, shelves and trays are made of stainless steel
- Low noise compressor with a long shelf life
- The drying chamber is equipped with organic glass for safety and visibility
- Condenser features pre-freezing function
- Features vacuum freeze drying technology
- Drying curves are displayed on LCD screen
- Tray spacing can be customized
- Eco-friendly CFC free refrigeration system
- Features nitrogen valve and eutectic test device (optional)

SPECIFICATIONS

Model	BFBT-104-A
Type	Manifold Top Press
Capacity	1.2 L
Condenser Temperature	< -50°C
Water Holding Capacity	3-4 /24h
Freeze Drying Surface Area	0.08 m^2
Pre Freeze Shelf Dimension	ϕ 180 mm
Vacuum Degree	< 10 Pa
Pump Flow Rate	3 L/sec
Vial ϕ 22	165
Vial ϕ 16	285
Vial ϕ 12	560
Overall Dimension (mm)	565x420x(360+430)
Shelves	4
Weight	105 kg
Power	970 W
Power Supply	110-220V, 50/60Hz

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

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