



LABORATORY BENCHTOP FREEZE DRYER BFBT-102-B

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FREEZE DRYER

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.



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-102-B
Capacity	1.2 L
Condenser Temperature	-80°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
Overall Dimension (mm)	831 x 680 x (400 + 430)
Shelves	4
Weight	105 kg
Power	970
Power Supply	110-220V, 50/60Hz
Alt Name	Top Press 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
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APPLICATIONS

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



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com