

PRODUCT CATALOG



FLOOR TYPE FREEZE DRYER

FLOOR TYPE 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.

100 SERIES 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-101-A	BFFT-101-B	BFFT-102-A	BFFT-102-B
Type	Standard		Top Press	
Capacity	1.2 L		0.7 L	
Condenser Temperature	< -50°C	-80°C	< -50°C	-80°C
Water Holding Capacity	3-4 /24h			
Freeze Drying Surface Area	0.12 m ²		0.08 m ²	
Pre Freeze Shelf Dimension	φ 200 mm		φ 180 mm	
Vacuum Degree	< 10 Pa			
Pump Flow Rate	2 L/sec			
Overall Dimension (mm)	560x460x(710+430)	660x460x(710+430)	560x460x(710+430)	660x460x(710+430)
Shelves	4		3	
Weight	110 kg		115 kg	
Power	1070 W	1070	1070 W	1070
Power Supply	220V, 50Hz			
Vial φ 22	-	-	-	-
Vial φ 16	-	-	-	-
Vial φ 12	-	-	-	-
No of Sealed Valves	-	-	-	-

Model	BFFT-103-A	BFFT-103-B	BFFT-104-A	BFFT-104-B
Type	Manifold		Manifold Top Press	
Capacity	1.2 L		0.7 L	
Condenser Temperature	< -50°C	-80°C	< -50°C	-80°C
Water Holding Capacity	3-4 /24h			
Freeze Drying Surface Area	0.12 m ²		0.08 m ²	
Pre Freeze Shelf Dimension	φ 200 mm		φ 180 mm	
Vacuum Degree	< 10 Pa			
Pump Flow Rate	2 L/sec			
Overall Dimension (mm)	560x460x(710+430)	660x460x(710+430)	560x460x(710+430)	660x460x(710+430)
Shelves	4		3	
Weight	85/115 kg		90/120 kg	
Power	1071 W	1071	1070 W	1070
Power Supply	220V, 50Hz			
Vial φ 22	260		165	
Vial φ 16	480		285	
Vial φ 12	920		560	
No of Sealed Valves	-	-	-	-

FLOOR TYPE FREEZE DRYER

Model	BFFT-105-A	BFFT-105-B
Type	T-Floor type	
Capacity	-	-
Condenser Temperature	< -50°C	-80°C
Water Holding Capacity	3-4 /24h	
Freeze Drying Surface Area	-	-
Pre Freeze Shelf Dimension	-	-
Vacuum Degree	< 10 Pa	
Pump Flow Rate	-	-
Overall Dimension (mm)	560x460x(710+430)	660x460x(710+430)
Shelves	-	-
Weight	80/110 kg	
Power	1070 W	1070
Power Supply	220V, 50Hz	
Vial φ 22	-	-
Vial φ 16	-	-
Vial φ 12	-	-
No of Sealed Valves	24 pieces for 24 ampoules	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
BX-102695	Nitrogen inflation valve	Nitrogen inflation valve
BX-102696	Exhaust filter/ Oil mist filter for pump	Exhaust filter/ Oil mist filter for pump
BX-102697	Air inlet filter for pump	Air inlet filter for pump
BX-102698	Anti oil return valve for pump	Anti oil return valve for pump
BX-102699	Electricity heating defrosting	Electricity heating defrosting
BX-102700	Electric heating shelf	Electric heating shelf
BX-102701	Trays	Trays : dia. 180mm/ dia.200mm
BX-102702	RS232 and software	Check and keep freeze drying data on computer, control freeze dryer through PC
BX-102703	-80°C Condenser	Minimum condenser temperature as -80°C



BFFT-101-A



BFFT-102-A



BFFT-103-A



BFFT-104-A

200 SERIES 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)
- Powerful compressor with faster refrigeration function

FLOOR TYPE FREEZE DRYER

SPECIFICATIONS

Model	BFFT-201-A	BFFT-201-B	BFFT-202-A	BFFT-202-B
Type	Standard		Top Press	
Capacity	1.8 to 2.7 L		0.9 L	
Condenser Temperature	< -50°C	-80°C	< -50°C	-80°C
Water Holding Capacity	6 /24h			
Freeze Drying Surface Area	0.18-0.27 m ²		0.09 m ²	
Pre Freeze Shelf Dimension	φ 240 mm		φ 200 mm	
Vacuum Degree	< 10 Pa			
Pump Flow Rate	4 L/sec			
Overall Dimension (mm)	635x540x(970+430)	735x540x(970+430)	635x540x(970+430)	735x540x(970+430)
Shelves	4		3	
Weight	160 kg		168 kg	
Power	1400 W	1400	1400 W	1400
Power Supply	220V, 50Hz			
Vial φ 22	-	-	-	-
Vial φ 16	-	-	-	-
Vial φ 12	-	-	-	-
No of Sealed Valves	-	-	-	-

Model	BFFT-203-A	BFFT-203-B	BFFT-204-A	BFFT-204-B
Type	Manifold		Manifold Top Press	
Capacity	1.8 to 2.7 L		0.9 L	
Condenser Temperature	< -50°C	-80°C	< -50°C	-80°C
Water Holding Capacity	6 /24h			
Freeze Drying Surface Area	0.18-0.27 m ²		0.09 m ²	
Pre Freeze Shelf Dimension	φ 240 mm		φ 200 mm	
Vacuum Degree	< 10 Pa			
Pump Flow Rate	4 L/sec			
Overall Dimension (mm)	635x540x(970+430)	735x540x(970+430)	635x540x(970+430)	735x540x(970+430)
Shelves	4		3	
Weight	125/165 kg		130/170 kg	
Power	1400 W	1400	1400 W	1400
Power Supply	220V, 50Hz			
Vial φ 22	360		270	
Vial φ 16	740		555	
Vial φ 12	1320		990	
No of Sealed Valves	-	-	-	-

Model	BFFT-205-A	BFFT-205-B
Type	T-Floor type	
Capacity	-	-
Condenser Temperature	< -50°C	-80°C
Water Holding Capacity	6 /24h	
Freeze Drying Surface Area	-	-
Pre Freeze Shelf Dimension	-	-
Vacuum Degree	< 10 Pa	
Pump Flow Rate	-	-
Overall Dimension (mm)	635x540x(970+430)	735x540x(970+430)
Shelves	-	-
Weight	120/160 kg	
Power	1400 W	1400
Power Supply	220V, 50Hz	
Vial φ 22	-	-
Vial φ 16	-	-
Vial φ 12	-	-
No of Sealed Valves	24 pieces for 24 ampoules	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
BX-102704	Nitrogen inflation valve	Nitrogen inflation valve
BX-102705	Exhaust filter for pump	Exhaust filter for pump
BX-102706	Air inlet filter for pump	Air inlet filter for pump
BX-102707	Anti oil return valve for pump	Anti oil return valve for pump
BX-102708	Electricity heating defrosting	Electricity heating defrosting
BX-102709	Trays	Trays: dia.200mm/ dia.240mm
BX-102710	RS232 and software	Check and keep freeze drying data on computer, control freeze dryer through PC
BX-102711	-80°C Condenser	Min. condenser temperature as -80°C

FLOOR TYPE FREEZE DRYER



BFFT-201-A



BFFT-202-A



BFFT-203-A



BFFT-204-A



BFFT-205-A



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