



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. 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.

100 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℃	-80℃	< -50℃	-80℃
Water Holding Capacity	3-4 /24h			
Freeze Drying Surface Area	0.12 m²		0.08 m²	
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 m²		0.08 m²	
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	-	-	-	-

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	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



BFFT-101-A



BFFT-101-B



BFFT-102-A



BFFT-102-B



BFFT-103-A



BFFT-103-B



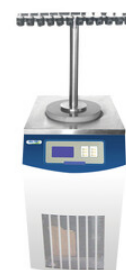
BFFT-104-A



BFFT-104-B



BFFT-105-A



BFFT-105-B

200 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

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℃	-80℃	< -50℃	-80℃
Water Holding Capacity	6 /24h			
Freeze Drying Surface Area	0.18-0.27 m²		0.09 m²	
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℃		-80℃		< -50℃		-80℃	
Water Holding Capacity	6 /24h							
Freeze Drying Surface Area	0.18-0.27 m²				0.09 m²			
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	Trays	Temperature
1901006006	Nitrogen inflation valve			
1901006007	Exhaust filter for pump			
1901006008	Air inlet filter for pump			
1901006009	Anti oil return valve for pump			
1901006010	Electricity heating defrosting			
1901006011	Trays	Trays : dia.200mm/ dia.240mm	Diameter 200mm/dia.240mm	
1901006012	RS232 and software	Check and keep freeze drying data on computer; control freeze dryer through PC		
1901006013	-80°C Condenser	Min. condenser temperature as -80°C		Min. condenser temperature as -80°C



BFFT-201-A



BFFT-201-B



BFFT-202-A



BFFT-202-B



BFFT-203-A



BFFT-203-B



BFFT-204-A



BFFT-204-B



BFFT-205-A



BFFT-205-B

300 FREEZE DRYER



SPECIFICATIONS

Model	BFFT-301-A	BFFT-301-B	BFFT-301-C	BFFT-302-A
Type	Standard type			Top Press type
Condenser Temperature	-110°C			
Freeze Drying area	0.12 m ²	0.18 m ²	0.24 m ²	0.08 m ²
Bulk capacity	1.2 L	1.8 L	2.4 L	0.8 L
Tray	φ200mm, 4pcs	φ200mm, 6pcs	φ200mm, 8pcs	φ180mm, 3pcs
Round bottom flask	-	-	-	-

Model	BFFT-302-B	BFFT-303-A	BFFT-303-B	BFFT-303-C
Type	Top Press type	Manifold Type		
Condenser Temperature	-110℃			
Freeze Drying area	0.1 m²	0.12 m²	0.18 m²	0.24 m²
Bulk capacity	1.0 L	1.2 L	1.8 L	2.4 L
Tray	φ180mm, 4pcs	φ200mm, 4pcs	φ200mm, 6pcs	φ200mm, 8pcs
Round bottom flask	-	1000ml,500ml ,250ml	1000ml,500ml ,250ml ,100ml,50ml	

Model	BFFT-304-A	BFFT-304-B	BFFT-305	BFFT-306-A
Type	Top Press with Manifold Type		T Type	Standard type electric heating shelf
Condenser Temperature	-110°C		-	-110°C
Freeze Drying area	0.08 m ²	0.1 m ²	-	0.12 m ²
Bulk capacity	0.8 L	1.0 L	-	1.2 L
Tray	φ180mm, 3pcs	φ180mm, 4pcs	-	φ200mm, 4pcs
Round bottom flask	1000ml,500ml ,250ml ,100ml,50ml		-	-

Model	BFFT-306-B	BFFT-306-C	BFFT-307-A	BFFT-307-B
Type	Standard type electric heating shelf		Top Press type electric heating shelf	
Condenser Temperature	-110℃			
Freeze Drying area	0.18 m²	0.24 m²	0.08 m²	0.1 m²
Bulk capacity	1.8 L	2.4 L	0.8 L	1.0 L
Tray	φ200mm, 6pcs	φ200mm, 8pcs	φ180mm, 3pcs	φ180mm, 4pcs
Round bottom flask	-	-	-	-

Model	BFFT-308-A	BFFT-308-B	BFFT-308-C	BFFT-309-A
Type	Manifold type Electric heating shelf			Top Press with Manifold type electric heating shelf
Condenser Temperature	-110°C			
Freeze Drying area	0.12 m²	0.18 m²	0.24 m²	0.08 m²
Bulk capacity	1.2 L	1.8 L	2.4 L	0.8 L
Tray	φ200mm, 4pcs	φ200mm, 6pcs	φ200mm, 8pcs	φ180mm, 3pcs
Round bottom flask	1000ml,500ml ,250ml ,100ml,50ml			

Model	BFFT-309-B	BFFT-310-A	BFFT-310-B	BFFT-311-A
Type	Top Press with Manifold type electric heating shelf	Standard type		Top Press Type
Condenser Temperature	-110℃			
Freeze Drying area	0.1 m²	0.18 or 0.27 m²	0.36 m²	: 0.09 m²
Bulk capacity	1.0 L	1.8 or 2.7 L	3.6 L	0.9 L
Tray	φ180mm, 4pcs	φ240mm, 4 or 6pcs	φ240mm, 8pcs	φ200mm, 3pcs
Round bottom flask	1000ml,500ml ,250ml ,100ml,50ml	-	-	-

Model	BFFT-311-B	BFFT-312-A	BFFT-312-B	BFFT-313-A
Type	Top Press Type	Manifold Type		Top Press with Manifold Type
Condenser Temperature	-110℃			
Freeze Drying area	0.12 m²	0.18 or 0.27 m²	0.36 m²	: 0.09 m²
Bulk capacity	1.2 L	1.8 or 2.7 L	3.6 L	0.9 L
Tray	φ200mm, 4pcs	φ240mm, 4 or 6pcs	φ240mm, 8pcs	φ200mm, 3pcs
Round bottom flask	-	1000ml,500ml ,250ml ,100ml,50ml		

Model	BFFT-313-B	BFFT-314	BFFT-315-A	BFFT-315-B
Type	Top Press with Manifold Type	T Type	Standard type electric heating shelf	
Condenser Temperature	-110℃			
Freeze Drying area	0.12 m²	-	0.18 or 0.27 m²	: 0.36 m²
Bulk capacity	1.2 L	-	1.8 or 2.7 L	3.6 L
Tray	φ200mm, 4pcs	-	φ240mm, 4 or 6pcs	φ240mm, 8pcs
Round bottom flask	1000ml,500ml ,250ml ,100ml,50ml	-	-	-

Model	BFFT-316-A	BFFT-316-B	BFFT-317-A	BFFT-317-B
Type	Top Press type electric heating shelf		Manifold type Electric heating shelf	
Condenser Temperature	-110℃			
Freeze Drying area	0.09 m²	0.12 m²	0.18 or 0.27 m²	0.36 m²
Bulk capacity	0.9 L	1.2 L	1.8 or 2.7 L	3.6 L
Tray	φ200mm, 3pcs	φ200mm, 4pcs	φ240mm, 4 or 6pcs	φ240mm, 8pcs
Round bottom flask	-	-	1000ml,500ml ,250ml ,100ml,50ml	

Model	BFFT-318-A	BFFT-318-B
Type	Top Press with Manifold type electric heating shelf	
Condenser Temperature	-110°C	
Freeze Drying area	0.09 m²	0.12 m²
Bulk capacity	0.9 L	1.2 L
Tray	φ200mm, 3pcs	φ200mm, 4pcs
Round bottom flask	1000ml,500ml ,250ml ,100ml,50ml	



BFFT-301-A



BFFT-301-B



BFFT-301-C



BFFT-302-A



BFFT-302-B



BFFT-303-A



BFFT-303-B



BFFT-303-C



BFFT-304-A



BFFT-304-B



BFFT-305



BFFT-306-A



BFFT-306-B



BFFT-306-C



BFFT-307-A



BFFT-307-B



BFFT-308-A



BFFT-308-B



BFFT-308-C



BFFT-309-A



BFFT-309-B



BFFT-310-A



BFFT-310-B



BFFT-311-A



BFFT-311-B



BFFT-312-A



BFFT-312-B



BFFT-313-A



BFFT-313-B



BFFT-314



BFFT-315-A



BFFT-315-B



BFFT-316-A



BFFT-316-B



BFFT-317-A



BFFT-317-B



BFFT-318-A



BFFT-318-B



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