

BENCHTOP FREEZE DRYER



BENCHTOP FREEZE DRYER

An ideal fit equipment for laboratory with a market proven design and the most advanced microprocessor control available on benchtop unit. It exceeds customer demand and is cost effective. It has Eco-friendly CFC free refrigeration system and provides higher performance. 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, Standard Freeze Dryer, Manifold Freeze Dryer, Top Press Freeze Dryer, Top Press with Manifold Freeze Dryer, T-Manifold Freeze Dryer.

ZB11 SERIES BENCHTOP FREEZE DRYER

- 7 Inch color touch control LCD display
- Display run time & vacuum parameter
- The cold trap with freezing function eliminates the low temperature refrigerator
- Imported compressor, high capability of water-capture, low noise
- Mixed refrigerant, green environmental protection
- Built-in heat exchanger effectively reduces the temperature of cold trap
- Anti-return oil vacuum pump to prevent the pollution of the material
- Transparent bell-cap drying room is safe and visual
- Optional distribution defrosting function
- Optional nitrogen inflating valve



SPECIFICATIONS

Model	ZB111	ZB113	ZB112
Name	Standard Freeze Dryer	Manifold Freeze Dryer	Top Press Freeze Dryer
Type	Standard	Manifold	Top Press
Tray	4		3
Tray Diameter	200 mm		
Interlayer Spacing	70 mm		
Vial ϕ 22	260		165
Vial ϕ 16	480		285
Vial ϕ 12	920		560
Condenser Temperature	<50°C		
Freeze Drying Surface Area	0.12 m ²		0.092 m ²
Plate Load Capacity	1.5 L		1 L
Water Holding Capacity	3 Kg/24 h		
Vacuum	<10 Pa		

Overall Dimension	500x400x370 mm		
Power	850 W		
Power Supply	220 V 50 HZ /110 V 60 Hz		
Flask	-	8	-
No of Sealed Valves	-	-	-

Model	ZB114	ZB115
Name	Top Press with Manifold Freeze Dryer	T-Manifold Freeze Dryer
Type	Top Press with Manifold	T-Manifold
Tray	3	-
Tray Diameter	200 mm	-
Interlayer Spacing	70 mm	-
Vial ϕ 22	165	-
Vial ϕ 16	285	-
Vial ϕ 12	560	-
Condenser Temperature	<50°C	
Freeze Drying Surface Area	0.092 m ²	-
Plate Load Capacity	1 L	-
Water Holding Capacity	3 Kg/24 h	
Vacuum	<10 Pa	
Overall Dimension	500x400x370 mm	-
Power	850 W	-
Power Supply	220 V 50 HZ /110 V 60 Hz	
Flask	8	-
No of Sealed Valves	-	24 pieces for 24 ampoules

OPTIONAL ACCESSORIES

Accessory Code	Name	For Models
FX5001	Condenser Temperature: -80°C	All
FX5002	PLC controller	All
FX5007	Vacuum Pump	All
FX5003	100 ml Flask	ZB113, ZB114

Accessory Code	Name	For Models
FX5004	250 ml Flask	ZB113, ZB114
FX5005	500 ml Flask	ZB113, ZB114
FX5006	1000 ml Flask	ZB113, ZB114



ZB111



ZB113



ZB112



ZB114



ZB115

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