

BENCH TOP FREEZE DRYER



BENCH TOP FREEZE DRYER

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.

FDR11 BENCH TOP 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	FDR11-3ST	FDR11-3MF	FDR11-3TP
Type	Standard	Manifold	Top Press
Drying area	0.12 m ²	0.092 m ²	0.12 m ²
Tray	200 x 4 mm	200 x 3 mm	200 x 4 mm
Tray capacity Condensor	1.5 L	1 L	1.5 L
No-load temperature	< -55°C (-80 optional)		
Vacuum	< 10 Pa		
Interlayer spacing	70 mm		
Vials number for reference	260 (22) 480 (16) 920 (12)	165 (22) 285 (16) 560 (12)	260 (22) 480 (16) 920 (12)
Ability to capture Water	3 kg		
Machine Size	500x400x370 mm		
Power	850 W		
Voltage	220V/50Hz or 110V/60HZ		
Plate Load Capacity	-	-	-
Condenser Temperature	-	-	-
Water Holding Capacity	-	-	-
Freeze Drying Surface Area	-	-	-
Vacuum Degree	-	-	-
No of Sealed Valves	-	-	-
Overall Dimension (mm)	-	-	-
Power Supply	-	-	-

Model	FDR11-3TM	FDR11-3TF
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Type	Top Press with Manifold	T-Manifold
Drying area	0.092 m ²	-
Tray	200 x 3 mm	-
Tray capacity Condensor	1 L	-
No-load temperature	< -55°C (-80 optional)	-
Vacuum	< 10 Pa	-
Interlayer spacing	70 mm	-
Vials number for reference	165 (22) 285 (16) 560 (12)	-
Ability to capture Water	3 kg	-
Machine Size	500x400x370 mm	-
Power	850 W	
Voltage	220V/50Hz or 110V/60HZ	-
Plate Load Capacity	-	1 L
Condenser Temperature	-	<50°C
Water Holding Capacity	-	3 Kg/24 h
Freeze Drying Surface Area	-	0.092 m ²
Vacuum Degree	-	<10 Pa
No of Sealed Valves	-	24 pieces for 24 ampoules
Overall Dimension (mm)	-	500x400x370 mm
Power Supply	-	220 V 50 HZ /110 V 60 Hz



FDR11-3ST



FDR11-3MF



FDR11-3TP



FDR11-3TM



FDR11-3TF

LABSTAC

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