



Bench-Top Freeze Dryer

Bench-Top Freeze Dryer

Bench-Top Freeze Dryer LBFD-A1 Series

Bench-top freeze dryer LBFD-A1 Series is portable and easy to operate. It features vacuum drying with low noise compressor for smooth and silent functioning that is configured strictly following ISO & CE standards. The bench-top series boasts a 3-4 kg per 24 hour condensing rate. Its graphic LCD display with clear layout shows the drying curves and other parameters for easy analysis. Benchtop freeze dryers can be customized with a range of accessories to support the needs of laboratories and Research/Production teams.

Features

- ❄️ Graphic LCD display with a clear layout showing the drying curves
 - ❄️ Transparent acrylic drum drying chamber for user to observe the drying process
 - ❄️ Imported low noise compressor
 - ❄️ Match the green environmental protection of international standard
 - ❄️ Features vacuum freeze drying technology
 - ❄️ Small size and easy to operate
 - ❄️ Stainless steel construction of condenser, operation panel and shelves
 - ❄️ Condenser features pre-freezing function
 - ❄️ Features nitrogen valve and eutectic test device (optional)
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Applications

Benchtop Freeze dryers can be customized with a range of accessories for use in laboratory, research or production, to process serum bottles, vials or manifold type containers

Bench-Top Freeze Dryer

Specifications

Model No.	LBFD-A10	LBFD-A11
Condenser Capacity	3-4Kg/24h	
Condenser Temperature	<-55°C	<-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.12m ²	
Bulk Capacity	2L	
Dimension	φ200mm	
Shelves	2 layers, 70mm spacing	1 layer, 70mm spacing
Maximum Power Consumption	970W	
Voltage Supply	110-220V,50/60 Hz	
Dimensions of Base Unit	565×420×790mm	
Vials CapacityΦ 12mm	820 pcs	
Vials CapacityΦ16mm	460 pcs	
Vials CapacityΦ22mm	244 pcs	
Weight	80kg	

Bench-Top Freeze Dryer

Bench-Top Manifold type Freeze Dryer LBFD-A2 Series

Bench-Top manifold type freeze dryer with 8 extra manifold ports LBFD-A2 series is portable and easy to operate. The bench-top manifold type series boasts a 3-4 kg per 24 hour condensing rate. This device features vacuum drying technology with low noise compressor for smooth and silent functioning. Its graphic LCD display with clear layout shows the drying curves and other parameters for easy analysis. The manifold type freeze dryers are configured strictly following ISO & CE standards.

Features

- ❄️ Manifold type with 8 extra manifold ports
 - ❄️ Compact size with low noise compressor
 - ❄️ Compliance with international standards
 - ❄️ Equipped with vacuum freeze drying technology
 - ❄️ Features nitrogen valve and eutectic test device (optional)
 - ❄️ With pre-freezing function of condenser
 - ❄️ Transparent Acrylic Drum drying chamber for clear view
 - ❄️ Condenser, operation panel and shelves are made of stainless steel
 - ❄️ Graphic LCD display with a clear layout showing the drying curves
 - ❄️ User friendly nature
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Applications

These manifold type freeze dryers are used to freeze dry products such as plant material, organic tissue, waste products, and polymers manifold type freeze dryers are also used to achieve a chemical balance, such as for biochemical, chemical reagents.

Bench-Top Freeze Dryer

Specifications

Model No.	LBFD-A20	LBFD-A21
Condenser Capacity	3-4Kg/24h	
Condenser Temperature	<-55°C	<-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.12m ²	
Bulk Capacity	1.2L, 10mm thickness	
Dimension	φ200mm	
Shelves	4 layers	
Flask Specification	1000ml, 500ml, 250ml, 100ml	
Manifold	Manifold with 8 ports	
Maximum Power Consumption	700W	
Cooling	Air, draughty, ambient temperature ≤25°C	
Voltage Supply	110-220V,50/60 Hz	
Dimensions of Base Unit	460×625×(370+465)mm	
Vials Capacity Φ12mm	920 pcs	
Vials Capacity Φ16mm	480 pcs	
Vials Capacity Φ22mm	260 pcs	
Weight	41kg	

Bench-Top Freeze Dryer

Bench-Top Top press type Freeze Dryer LBFD-A3 Series

Bench-Top Top press type freeze dryer LBFD-A3 series is portable and easy to operate. It features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body. The bench-top Top press type series boasts a 3-4 kg per 24 hour condensing rate. The top press type freeze dryers are configured strictly following ISO & CE standards. Its graphic LC display with clear layout shows the drying curves and other parameters for easy analysis.

Features

- ❄ Top press type freeze dryer
 - ❄ CFC-free refrigeration with low noise compressor
 - ❄ Condenser features pre-freezing function
 - ❄ Compact console with casters that make it easy to move
 - ❄ Transparent acrylic drum drying chamber for user to observe the drying process
 - ❄ Features vacuum freeze drying technology
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ User friendly with stainless steel construction of condenser, operation panel and shelves
 - ❄ Features nitrogen valve and eutectic test device (optional)
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Applications

Bench-Top Top press type freeze dryers has applications in laboratory or production to process serum bottles, vials or manifold type containers. To provide a practical solution for certain delivery problems, for example, the packaging of constituents that cannot be mixed in the liquid state, but which are solidified in successive stages and then freeze dried

Bench-Top Freeze Dryer

Specifications

Model No.	LBFD-A30	LBFD-A31
Condenser Capacity	3-4Kg/24h	
Condenser Temperature	<-55°C	<-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.08m ²	
Bulk Capacity	0.8L	
Dimension	φ180mm	
Shelves	3 layers	
Press Style	by hand	
Maximum Power Consumption	970W	
Voltage Supply	110-220V, 50/60 Hz	
Dimensions of Base Unit	565×420×(360+430)mm	
Vials Capacity Φ12mm	492	
Vials Capacity Φ16mm	279	
Vials Capacity Φ22mm	147	
Weight	80Kg	

Bench-Top Freeze Dryer

Bench-Top Top press with manifold type Freeze Dryer LBFD-A4 Series

Bench-Top Top press with manifold type freeze dryer LBFD-A4 series comes with 8 extra manifold ports and is portable, easy to operate. This device features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. The bench-top Top press with manifold type freeze dryer series boasts a 3-4 kg per 24 hour condensing rate. Graphic LCD display shows clear layout, drying curves.

Features

- ❄ Top press manifold type with 8 extra manifold ports
 - ❄ Transparent acrylic drum drying chamber for user to observe the drying process
 - ❄ Imported low noise compressor
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ Corrosion resistant, stainless steel condenser, shelves and operational panel
 - ❄ Capable of high water capturing
 - ❄ Condenser features pre-freezing function
 - ❄ Speed of drying can be accelerated by using pre cooling shelf as draft tube
 - ❄ Communication interface and valve with nitrogen is (optional)
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Applications

Top press manifold type freeze dryers are used to improve storage life and improved marketing of the end product, to freeze dry products such as plant material, organic tissue, waste products, and polymers.

Bench-Top Freeze Dryer

Specifications

Model No.	LBFD-A40	LBFD-A41
Condenser Capacity	3-4Kg/24h	
Condenser Temperature	<-55°C	<-80°C
Vacuum Degree	<10Pa	
Freeze-Drying Area	0.08m ²	
Bulk Capacity	0.8L, 10mm thickness	
Dimension	φ180mm	
Shelves	3 layers	
Flask Specification	1000ml, 500ml, 250ml, 100ml	
Manifold	Manifold with 8 ports	
Press Style	by hand	
Maximum Power Consumption	700W	
Voltage Supply	110-220V, 50/60 Hz	
Cooling	Air, draughty, ambient temperature ≤25°C	
Dimensions of Base Unit	460×625×(370+465)mm	
Vials Capacity Φ12mm	560 pcs	
Vials Capacity Φ16mm	285 pcs	
Vials Capacity Φ22mm	165 pcs	
Weight	41kg	

Bench-Top Freeze Dryer

Bench-Top T type LBFD-A5 Series

Bench-Top T type freeze dryer LBFD-A5 Series is portable and easy to operate. They are equipped with bell capped transparent drying compartment. This device features CFC-free refrigeration, vacuum drying with low noise compressor for safe and noiseless functioning, corrosion resistant body that is configured strictly following ISO & CE standards. The bench-top T type freeze dryer series boasts a 3L per 24 hour condensing rate. The graphic LCD display with a clear layout shows the drying curves.

Features

- ❄ T- type design of freeze dryer
 - ❄ Condenser features pre-freezing function
 - ❄ Compact and easy to operate
 - ❄ Equipped with bell-capped transparent drying compartment
 - ❄ Imported low noise compressor
 - ❄ Graphic LCD display with a clear layout showing the drying curves
 - ❄ Features vacuum freeze drying technology
 - ❄ Nitrogen valve and Communication interface (optional)
 - ❄ Stainless steel construction of condenser, operation panel and shelves
 - ❄ Speed of drying can be accelerated by using pre cooling shelf as draft tube
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Applications

Bench-Top T type freeze dryer can be used for laboratory or production uses to process serum bottles, vials or manifold type containers, to freeze dry products such as plant material, organic tissue, waste products, and polymers and to improve storage life and improved marketing of the end product.

Bench-Top Freeze Dryer

Specifications

Model No.	LBFD-A50	LBFD-A51
Condenser Capacity	3kg/24h	
Condenser Temperature	<-55°C	<-80°C
Vacuum Degree	<10Pa	
Vacuum pump flow rate (new)	2 L/S, 7.2m ³ /h	
Maximum Power Consumption	750W	
Voltage Supply	220V, 50Hz	
Dimensions of Base Unit	560×460×(720+440)mm	
No. of Sealed Valves	24 pieces for 24 ampoules	
Cooling	Air, draughty, ambient temperature≤25°C	
Weight	62kg	



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