



Top Press Freeze Dryer STFD-E13

Overview

Top Press Freeze Dryer STFD-E13 has a 0.1 m² drying area with a condenser capacity of 3 to 4 kg per 24h. It features a colour LCD touchscreen that displays running time, sample, condenser temperatures, and vacuum level. A USB port allows easy data export and viewing in Excel format. The condenser, trays, and shelves are made of anti-corrosion stainless steel 304. Condenser designed for uniform and efficient ice capture. Our top press freeze dryer is used in medicine, pharmacy, biology research, chemical industry and food production.

Features :

- Stainless steel air inlet valve
- Pre-freezing function
- Acrylic drying Chamber

- CFC-free refrigerant
- Control panel display in English

Specifications :

Drying Area	0.1 m ²
Condenser Temperature	-80 °C
Vacuum Degree	Above 10 Pa
Condenser Capacity	3 to 4 kg/24h
Sample Tray	Φ180 mm × 3/4 Layer
Shelf Spacing	50 mm
Bulk Liquid Capacity (10 mm thickness)	0.8/1 Liter
Vial Capacity Φ 12mm	656 pcs
Vial Capacity Φ 16mm	372 pcs
Vial Capacity Φ 22mm	196 pcs
Optional Manifold	8 Ports
Optional Flask	1000 ml, 500 ml, 250 ml, 100 ml, 50 ml
Vacuum Pump Flow Rate	2L/S, 7.2 m ³ /h
Voltage	220V, 50Hz 110V/120V, 60Hz
Power Consumption	1070 W
Dimension	565 × 420 × (360 + 430) mm
Weight	75 Kg

Optional Accessories :

- Vacuum control valve
- Intake backfilling filter
- Air inlet filter for pump
- Nitrogen inflation valve

- Eutectic point test device
- Electricity heating defrosting
- Exhaust filter/oil mist filter for pump
- Cascade refrigeration, condenser temperature-80°C
- Anti oil return valve/check valve for pump
- Stainless steel chamber
- RS232 and Software

Applications :

Top Press Freeze Dryer STFD-E13 is widely used in medicine, pharmacy, biology research, chemical industry and food production, etc.

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