



Pilot Freeze Dryer SPFD-A10

Overview

Pilot Freeze Dryer SPFD-A10 offers a freeze-drying area of 0.3 m², capable of processing 3 to 5 kg/batch efficiently. It features a high-efficiency, low-noise compressor with duplex refrigeration. This silicone oil freeze dryer uses advanced gas diversion for uniform and efficient ice capture. The transparent acrylic door of our pilot freeze dryer enables full process observation. Its pre-freezing and drying in one chamber ensure efficient and simple operation.

Features :

7-inch LCD touchscreen

FD pilot system

Aeration valve

Curve adjustment

Sensor calibration

High temperature defrosts

Low noise

Both auto/manual control modes

Alarms

Specifications :

Type	Silicone oil
Freeze drying area	0.3 m ²
Processing Capacity	3 to 5 kg/batch
Extraction rate	4 L/S
Cold trap temperature	-75°C
Partition temperature	-50°C to -70°C
Material tray spacing	50 mm
Material tray number	3 pcs
Material tray size	265 × 395 × 30 mm
Defrost mode	High temperature defrosting
Vacuum value	Below 10 Pa
Water harvesting ability	4 Kg/24h
Machine Power	3500 W
Power supply	220V/50Hz
Packaging Dimension	900 × 820 × 1650 mm
Dimension	800 × 800 × 1550 mm
Net weight	315 Kg
Gross weight	361 Kg

Applications :

Pilot Freeze Dryer SPFD-A10 is widely used in medicine, pharmaceutical, biological research, chemical industry and food and other fields.