

# IN SITU FREEZE DRYER FDR24-55M



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Silicone Oil Heating In-situ pilot freeze Dryer changes the traditional complicated operation, prevents the pollution of the material realizes the dry sublimation automation. It is suitable for unit production Used in Food processing, Pharmaceutical, and Medical sector.

Also known as Silicone Oil Heating Lyophilizer.

## FDR24-55M IN SITU FREEZE DRYER

The pre-freeze-drying is carried out in situ, which reduces the tedious operation of the drying process and realizes the automation of the freeze-drying process

Silicone oil is used as a circulating medium, with high temperature control accuracy, shelf temperature difference  $\leq 1^{\circ}\text{C}$ , and uniform drying effect

Shelf temperature is adjustable, controllable, groping, pilot test and production process

20 programs can be stored, each program can be set to 36 segments, the program parameters can be modified during the operation of the freeze dryer, and the final drying curve can be recorded

Touch screen operation, PID control, display drying curve

The square tray is not easy to deform, easy to operate and easy to clean

Equipped with an inflation valve, it can be filled with dry inert gas

The drying room adopts high-transmittance colorless transparent organic glass door, which can clearly observe the change process of materials during operation

Optional eutectic point testing device



## SPECIFICATIONS

Model	FDR24-55M
Type	Silicone Oil Heating In-situ pilot freeze Dryer
Condenser Temperature	-50°C
Drying area	0.34m <sup>2</sup>
Tray temperature	-40°C to +60°C
Trays load capacity	3kg/24hr

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