

# STANDARD FREEZE DRYER FDR21-4ST



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Floor Type Freeze Dryer maximizes plant reliability and ease of use, reduces energy consumption, optimizes space requirements and minimizes maintenance requirements. This is a compact console with casters that make it easy to move. It has CFC free environment friendly refrigeration with low cost and maintenance.

Used in Perishable Substances, Waste Products, Laboratory, Research, Proteins, Organic Tissues, Waste Products, Plant Material, Polymers, Pharmaceuticals, Nutraceuticals, Plant material.

Also known as Floor Standing Freeze Dryer, Freeze Drying Equipment, Floor Type Freeze Dryer, Laboratory Floor Type Freeze Dryer, laboratory Floor Standing Freeze Dryer, Laboratory Freeze Drying Equipment, Floor Standing Lyophilizer, Floor Type Lyophilizer, Standard Freeze Dryer.

## FDR21-4ST STANDARD 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                             | FDR21-4ST                      |
| Type                              | Standard                       |
| Drying area                       | 0.12 m <sup>2</sup>            |
| Tray size                         | 200 x 4 mm                     |
| Tray Capacity                     | 1.5 L                          |
| Condenser Temperature             | < -55°C (-80 or -100optional ) |
| Vaccum                            | < 10 Pa                        |
| Tray Spacing                      | 70 mm                          |
| Vials number (only for reference) | 160 (22) 280 (16) 420 (12)     |
| Ability to capture Water          | 6 Kg                           |
| Machine Size                      | 400x500x600 mm                 |
| Power                             | 950 W                          |
| Voltage                           | 220 V 50 HZ /110 V 60 Hz       |
| Power Supply                      | 220 V 50 HZ /110 V 60 Hz       |



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