

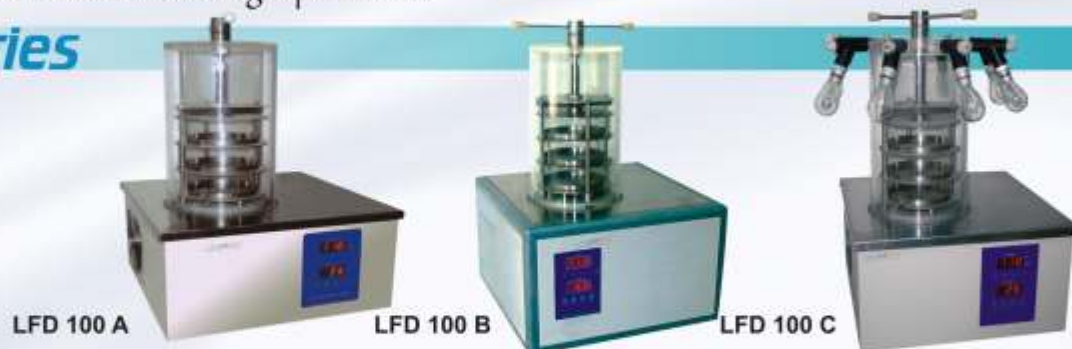


# **FREEZE DRYERS**



Freeze-dryers offer the best method by which moisture-bearing substances frozen in advance become dry in the vacuum to vaporize away the moisture. The substances frozen can be well-preserved for a long time and returned to their former state once being watered without losing their biochemical properties. The freeze-drying technology is especially ideal for those bio-products sensitive to antibiotic vaccines, blood products, enzymes and hormones. This system is ideal for freezing experiments.

## LFD 100 Series



### Specifications:

| Model No.                | LFD 100 A                                     | LFD 100 B  | LFD 100 C   |
|--------------------------|---|--|---|
| Freeload Temperature     |   | $\leq -45^{\circ}\text{C}$                           |   |
| Freeload Freezing Area   |   | 0.07 - 0.15m <sup>2</sup>                            |   |
| Dish Packing Capacity    |   | 0.7 - 1.2L   |   |
| Water Catching Ability   |   | 3Kg / 24h  |   |
| Vacuum Degree            |   | <15Pa  |   |
| Dimension (W x L x H) mm |   | 540 x 540 x 370                                      |   |
| Pack Dimension           | $\Phi$ 170mm 4-layer in total<br>General Type | $\Phi$ 150mm 3-layer in total<br>Pressure Cover Type | $\Phi$ 150mm 3-layer in total<br>Multi-Branch<br>Pipe Cover Pressure Type |
| Catalog No.              | 19650101                                      | 19650102   | 19650103  |

## LFD 200 Series



### Specifications:

| Model No.                | LFD 200 A                                     | LFD 200 B  | LFD 200 C                                |
|--------------------------|---|--|--|
| Freeload Temperature     |   | $\leq -45^{\circ}\text{C}$                           |  |
| Freeload Freezing Area   |   | 0.07 - 0.18m <sup>2</sup>                            |  |
| Dish Packing Capacity    |   | 0.7 - 2L   |  |
| Water Catching Ability   |   | 4Kg / 24h  |  |
| Vacuum Degree            |   | <15Pa  |  |
| Dimension (W x L x H) mm |   | 540 x 460 x 710                                      |  |
| Pack Dimension           | $\Phi$ 200mm 4-layer in total<br>General Type | $\Phi$ 170mm 3-layer in total<br>Pressure Cover Type | Multi-Branch Pipe<br>Cover Pressure Type |
| Catalog No.              | 19650201                                      | 19650202   | 19650203                                 |

## LFD 300 Series



LFD 300 A



LFD 300 B

**Specifications:**

| Model No.                | LFD 300 A  | LFD 300 B   |
|--------------------------|--|---|
| Freeload Temperature     |  | ≤ -55°C   |
| Freeload Freezing Area   |  | 0.18m <sup>2</sup>  |
| Dish Packing Capacity    |  | 2 - 3.5L  |
| Water Catching Ability   |  | 6Kg / 24h   |
| Vacuum Degree            |  | < 15Pa  |
| Dimension (W x D x H) mm |  | 660 × 560 × 925   |
| Pack Dimension           | Φ 240mm 4-layer in total layer<br>space interval 70 mm<br>General Type | Φ 240mm 6-layer in total<br>layer space internal 50mm<br>General type |
| Catalog No.              | 19650301   | 19650302  |

## LFD 400 series

**Specifications:**

| Model No.                | LFD 400 A                                | LFD 400 B                                       |
|--------------------------|--|---|
| Freeload Temperature     |  | ≤ -45°C   |
| Freeload Freezing Area   |  | 0.5 - 0.8m <sup>2</sup>                         |
| Dish Packing Capacity    |  | 5 - 8.5L  |
| Water Catching Ability   |  | 15Kg / 24h                                      |
| Vacuum Degree            |  | <13Pa   |
| Dimension (W x L x H) mm |  | 1250 x 660 x 800                                |
| Pack Dimension           | Φ 370mm 7-layer in total<br>General Type | Φ 370mm 5-layer in total<br>Pressure Cover Type |
| Catalog No.              | 19650401                                 | 19650402  |



LFD 400 B



**Labnics Equipment**

43040 Christy St., Fremont, CA 94538 USA.

Toll Free : (877) 620 9992

Tel. : (925) 271 4322

Fax : (925) 886 0400

Email : [info@labnics.com](mailto:info@labnics.com) Website : [www.labnics.com](http://www.labnics.com)