

Introducing the **High Capacity Rate Freezer** —
our latest customer-driven innovation

We know cold.

Freeze thousands of samples
at the same time, in one freezer.



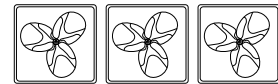
Large Volume Freezing

Capacity to freeze thousands of samples in one run, saving you time and ensuring consistency in freeze runs



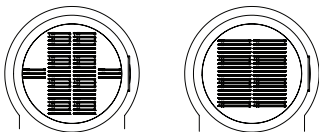
Precise Freeze Rates

Programmable temperature range of -180 to +50°C, with freeze rates of 0.01 to 99.9°C per minute



Multiple Fan and Probe Design

Ensures consistent temperature throughout the entire chamber space



Innovative Racking Systems

Choose how you want to freeze, retrieve, and move samples to long term storage or into clinical use



Fully Programmable Controller

Includes six pre-set run programs and the option to create your own freeze run programs using laptop or integrated touch screen



Reporting

Ability to chart samples by chamber and program temperature to ensure freeze run repeatability

Improve outcomes by freezing larger quantities with a **High Capacity Rate Freezer**.

- Reduce programming, freeze time and potential errors by freezing in fewer runs.
- Decrease potential for accidents by reducing number of individual racks required.
- Reduce sample exposure to ambient temperatures with quicker access to racks.
- Use less LN2 than multiple batches in standard size freezer.
- Save floorspace by using a single unit with smaller footprint than multiple standard size freezers.
- Simplify monitoring of LN2 and power source by eliminating need for multiple freezers.

More Than **9 Times** the Capacity of a Typical Rate Freezer

650

2 mL Vials

40

50 mL Bags

Typical Rate Freezer

6,000

2 mL Vials

544

50 mL Bags

High Capacity Rate Freezer

High Capacity Rate Freezers are available in 3 different models to meet the variety of needs in pharma and research labs.



Cylinder Front Load



Chest Top Load



Upright Front Load