

IntelliRate™ i67C LN2 Controlled Rate Freezer

Perfectly sized to efficiently scale precision rate freezing as your needs grow

As cell-based research and bioproduction volumes increase, you need a repeatable freezing process that can efficiently improve post-thaw viability rates and cryopreservation quality at scale. We designed the new IntelliRate i67C to increase single-batch, liquid nitrogen (LN2) controlled rate freezing (CRF) capacities to meet your needs as development and manufacturing volumes increase.

Increase Rate Freezing Batch Capacity and Quality Cost Effectively

Expand controlled rate freezing throughput with significantly larger batches, without adding significant cost. With 40% more capacity than any other benchtop CRF, not only can the IntelliRate i67C increase production levels, but also ensure more process consistency and time savings by running thousands of samples in a single run.

Use Workspace and Staff More Efficiently

With its compact footprint accommodating larger capacity, the IntelliRate i67C frees up valuable workspace by using a single unit to freeze volumes, where normally multiple standard size freezers would be required. Fewer runs also simplify programming, setup, LN2 monitoring and power requirements.

Broaden Your Rate Programming Capabilities and Options

Use the largest touchscreen controller in its class to execute a wide range of preset and variable programming capabilities, including setup of repeatable, 21 CFR Part 11 compliant freeze profiles. With the IntelliRate i67C, a range of options are also available for enhanced multi-probe monitoring, racking and sample management.



INTERIOR VIEW
67-liter (2.35 cu. ft.) volume inside the chamber

IntelliRate™ i67c Controlled Rate Freezers

More Freeze Capacity

67-liter (2.35 cu. ft.) volume inside the chamber delivers more batch capacity to freeze:

- 104 50mL bags
- 2166 2mL vials
- 100 cassettes
- 26 1-liter bags
- 272 canes

Flexible Power Requirements

- 120-volt, 50/60 Hz, 10 amp or
- 230-volt, 50/60 Hz, 10 amp

Programming and Control Features

- Six preset programs with unlimited variations
- Repeatable temperature rate changes within cycles
- Programmable temperature range of -180°C to +50°C
- Freeze rates of 0.01 to 99.9°C per minute
- 21 CFR Part 11 compliant reporting protocols

Options and Accessories

- Multi-probe version provides temperature monitoring at six additional customer-specified positions
- Innovative racking systems: choose how you want to freeze, retrieve and move samples to long-term storage or into clinical use
- Broad array of LN2 management, monitoring, sample handling and freezer accessories



Grow with the Leader in Biopreservation and Cold Storage Best Practice

Offering a full suite of biopreservation solutions, BioLife brings unparalleled expertise to ultra-low and cryogenic storage. The new IntelliRate i67C model is a perfect fit within the largest selection of controlled rate freezer sizes.

Our Family of Controlled Rate Freezers Support All Your Capacity Needs



2101 Controlled Rate Freezer
28-Liter Capacity



IntelliRate i67C Controlled Rate Freezer
67-Liter Capacity



High Capacity Controlled Rate Freezer
Up to 781-Liter Capacity