

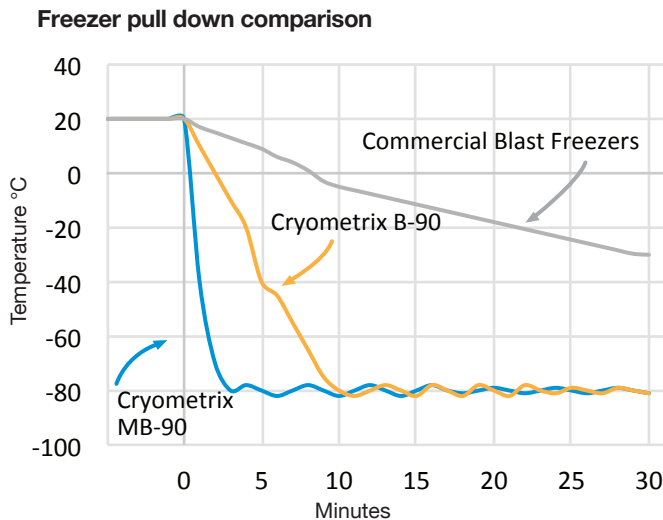
Cryometrix® MB-90: The Ultimate Compact Blast Freezer

**Accelerate and automate
freeze-thaw processes with an
affordable compact unit**

Experience lightening-fast freezing, reduced LN₂ consumption, and a compact footprint like never before with the Cryometrix MB-90 Chest Blast Freezer (4.2 cu ft storage). Blast freeze your products with exceptional speed and efficiency, elevating your throughput and ensuring top-quality results.

Unleash unprecedented freezing power

- Ambient to -90°C in 3 minutes
- No pre-chill necessary - Simply load freezer and begin freeze cycle from room temperature
- 4.2 cu ft of internal storage
- 27 in x 56 in lab space footprint



To identify the best frozen storage options for your precious biospecimens, contact Cryometrix today.



Facilitate experimenting with temperature profiles

With its compact design, this mini blast freezer revolutionizes experimentation by allowing you to explore adjustable temperature profiles for rapid freeze runs like never before. And because the freezing process can be replicated by its big brother, the B-90 blast freezer, you can easily move testing freeze runs into a production setting.

Blast freeze and thaw your products with ease

- Temperature adjustable from 40°C to -90°C
- Reach low temperatures in as little as 3 minutes
- Software packages for applications requiring 21 CFR Part 11 compliance
- Built-in data logging software
- Integration into your SCADA system



801.226.4100



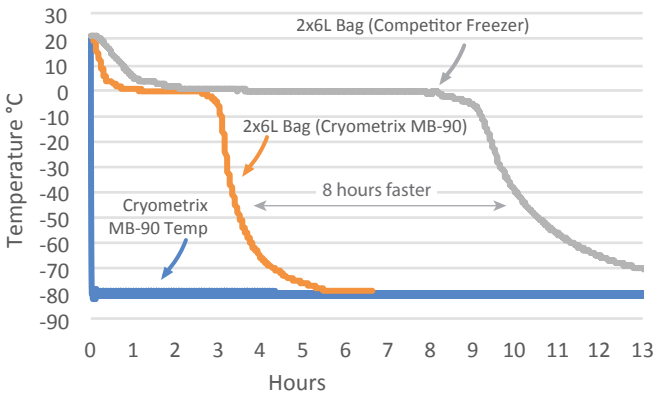
info@cryometrix.com

Unleash unprecedented freezing power

Experience reliability and convenience of blast freezing and thawing with the Cryometrix® MB-90



Freezer run comparison from ambient temperature



Compressor-free freezing

- Minimizes service interruptions / downtime
- Uses up to 90% less energy than mechanical units
- Fastest door open recovery in industry
- Reduces need for maintenance or repairs when compared to mechanical freezers
- No HVAC required
- No refrigerant chemicals, oils, or CFCs
- Completely silent operation

100% stainless steel interior and exterior

- Fast, convenient access to stored materials
- Easy cleaning and sterilization

Secure programmable controls with touch screen interface

- Freezing processes and user operation logging
- Simplifies management, security, monitoring

Blast thawing capabilities

- Available options to allow you to thaw product inside the same unit

Dimensions

- Exterior: Height 39 in. x depth 27 in. x width 56 in.
- Interior: Height 16.5 in. x depth 17 in. x width 26 in.
- Storage capacity: 4.2 cu ft storage volume
- Can be placed against wall, or corner on all sides
- No ventilation space needed

Usage

- Temperature range 40°C to -90°C
- Reach temperatures from ambient in 3 minutes
- Max LN2 usage rate approx. 0.5 gals of LN2 per minute
- Steady state LN2 approx. 0.3 gals of LN2 per

Try It Before You Buy It

Cryometrix offers an in-house experimental test setup and run of your unique freezing process needs. Contact us today to design and test your process prior to purchasing a unit. Receive customized blast freezing data in the form of experimental test runs. We will guide you through the test setup and deliver testing results and suggestions for optimal setup, productivity, and results. Contact info@cryometrix.com for more information on experimental runs designed by you.