

Automated, Water-free Thawing Systems

Safe thawing for cryopreserved biologic materials.

The ThawSTAR® CB provides standardized, reproducible thawing of biologics frozen in cryobags, which replaces manual water baths. ThawStar technology provides sensor-based thawing algorithms with consistent outcomes to support R&D, commercial manufacturing and point of care.



ThawStar Benefits

Automation and Standardization

- Consistent thawing results through reproducible algorithms that eliminate manual human processes.

Reduced Contamination Risk

- Water-free thawing eliminates sample contamination from lack of or infrequent tool maintenance and non-sterile water.

Precision Thawing

- Algorithm optimization services by BioLife technician tailored to maximize cell health and function based on unique and specific cryopreservation parameters.

Qualifiable

- ThawStar systems are qualifiable in a QxP setting and can be scaled into POC facilities.

ThawSTAR CB

Thaw Type	25-1000 mL cryobag
Bag Compatibility	Cryobags from OriGen®, Charter® and Miltenyi®
Capacity	One cryobag
Thaw Time	2-8 minutes (depending on fill volume)
Dimensions	19.5 x 38.5 x 45 cm (8 x 15 x 18 in) H x W x D
Input Voltage	100-120V, 200-240V
Power Requirements	Maximum 8A
Preinstalled Thawing Protocols	12
File Output	CSV format
Accessories	ThawSTAR CB Barrier Bag (25, 50, 250, 500, 750, and 1000 mL)