

# Secure, flexible LN2 Storage.

S Series Liquid Nitrogen Freezers offer conventional immersion liquid nitrogen storage. Our wide lid opening provides easy, unrestricted access to samples. All S series freezers use our time-tested and reliable 2301 controller with autofill functionality, dual temperature probes and many additional features.

## Features

- Round, space-saving design
- Stainless steel, vacuum insulated vessel
- Wide lid opening for easy access to all racks
- Ease of operation plus flexibility to operate vapor storage, immersion storage or a combination of both to store any type or size of sample
- Castor mounted for easy mobility
- Advanced woven lid gasket design
- Counter balanced lockable lid
- Annular fill and sensor tubes
- Each unit includes a liquid level, auto-fill and alarm system to provide security

## Accommodates

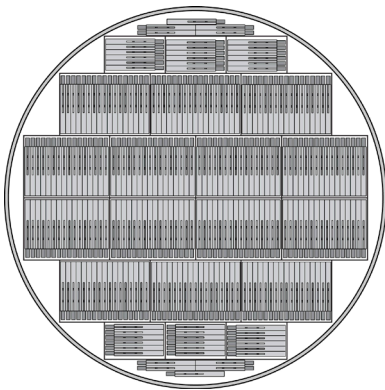
- Aluminum square racks
- Stainless steel square racks
- Vertical racks
- Mini racks
- Canister and frame systems
- Vials
- Boxes
- Canisters / Cassettes
- Platform dividers



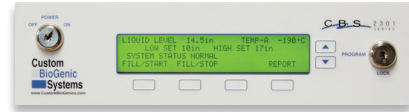
A wide lid opening allows easy access to all racks, and provides an extensive variety of inventory solutions.



**S-1500AB** stainless steel, standard square rack configuration. 9,100 vial capacity



**S-5000EHAB** stainless steel Baxter Fenwal 4R9951 canister & frame configuration. 1,140 canister capacity(250ml)



**2301 Isothermal Controller Features**

- Our 2301 controller is time tested, reliable and designed to keep your sample storage safe and secure
- New 16 port connector
- 0-5 volt outputs provide temperature and level data for connection to existing alarm/monitor system
- 4-20 mA outputs provide temperature and level data for connection to existing alarm/monitor system
- Sequential and One-Fill/All-Fill input and output connection for filling systems
- New two-level temperature display option
- Temp. A displays temperature at the lid, approximately 11”(27.94cm).
- Temp. B displays temperature inside the storage space, approximately 20”(50.80cm)



**S-1500AB**

**S-3000AB**

**S-5000AB**

**S-3000AB-EH**

**S-5000AB-EH**

LN2 Capacity					
	145 Liters	345 liters	615 Liters	720 Liters	720 Liters
Maximum Storage Capacity					
<b>Vials (2ml)</b>	9,100	22,100	40,300	46,200	46,500
<b>Blood Bags (50ml)</b>	434	1,120	720	1,140	2,208