

# Product Catalog



**Platelet Storage**  
**Plasma Thawing • Cell Washing**  
**Refrigerators • Freezers**

# True Blue Storage & Processing



Helmer has provided high-quality laboratory equipment and refrigerated products for over 30 years. Our experience and attention to detail allow us to provide a product that offers superior uniformity, outstanding reliability, and exceptional benefits that bring value every day. In addition, our commitment to service and support ensures satisfaction throughout the life of your product.

## Platelet Storage

### i.Series™ · Horizon Series™

#### Platelet Incubators

- i.Series models feature the i.Center™ Integrated Monitoring System
- Countertop units and full-size floor models
- 7-day chart recorder
- Incubators accommodate platelet agitators



i.Series Models Shown

#### Platelet Agitators

- i.Series agitators feature a built-in motion alarm. When connected to an i.Series incubator, agitator motion can be monitored by the i.Center
- Non-slip, textured drawers with label holders

## Plasma Thawing

### QuickThaw™

- Available in 2, 4, and 8 bag capacities
- Rapid thaw times
- Stainless steel chamber and baskets
- Compact size saves bench space
- Dual baskets with independent controls accommodate a variety of bag configurations:
  - Random and apheresis plasma
  - Flat or folded units
  - Cryoprecipitate
  - Red Blood Cells



## Cell Washing

### UltraCW™



- Precise, reproducible results with digital calibration of saline volume
- Time saving performance
- Low profile for convenient access
- Programming flexibility for optimized results
- Stores multiple programs for repeated use
- Quiet operation with brushless drive motor
- 12-place and 24-place rotors

#### Agitator/Incubator Compatibility

Incubator Model	Agitator Model	Capacity (random/apheresis)
PC100	1 - PF15	15 / 5-10
PC900	1 - PF48	48 / 16
PC1200	1 - PF96	96 / 32
PC2200	2 - PF96	192 / 64
PC3200	3 - PF96	288 / 96
PC4200	Built-in Agitator	396 / 132

Note: Horizon Series Agitators are not equipped with a motion alarm and are not recommended for use in an i.Series Incubator

# Refrigerators

## i.Series™ · Horizon Series™ · Scientific Series™

Scientific refrigerators are available in upright, undercounter, and pass-thru models. These purpose-built refrigerators are designed and manufactured specifically for life science, pharmaceutical, and vaccine storage applications and feature superior cabinet construction and industry-leading warranties. i.Series models feature the i.C<sup>3</sup>™ user interface.

### Upright Refrigerators

#### i.Series™ · Horizon Series™ · Scientific Series™

- Laboratory, Blood Bank, and Pharmacy models
- Door-mounted, eye-level controls on all i.Series models
- Dual-pane glass door(s)
- 7-day chart recorder (Blood Bank models)
- Full-length door handle



### Undercounter Refrigerators

#### i.Series™ · Horizon Series™ · Scientific Series™

- Laboratory/Pharmacy and Blood Bank models
- Door-mounted controls
- Field-reversible, self-closing door with magnetic closure
- Undercounter, free-standing, and stackable
- 7-day chart recorder (Blood Bank models)



Shown with optional glass door

- Capacity from 142 L to 1586 L / Blood bag capacity from 66 to 1008 bags
- Operating temperature range +2°C to +10°C
- Maximum temperature uniformity & quick recovery
- Bacteria-resistant powder coating
- Directional LED lighting
- Custom storage options include drawers, shelves and roll out baskets
- Meet AABB, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulations 2005 standards for 4°C blood storage

# Freezers

## i.Series™ · Horizon Series™ · Scientific Series™

Scientific freezers are available in upright and undercounter models. These purpose built freezers operate at -30°C and are designed and manufactured specifically for the storage of life science, pharmaceutical, and vaccine products. They feature superior cabinet construction and industry-leading warranties. i.Series models feature the i.C<sup>3</sup>™ user interface.

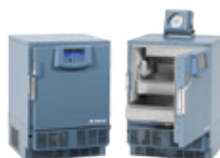
### Upright Freezers

- Plasma and Laboratory models
- Door-mounted, eye-level controls on all i.Series models
- Heated door frame
- Cold-Shield System: helps prevent cold air from escaping during door openings
- 7-day chart recorder (Plasma models)



### Undercounter Freezers

- Plasma and Laboratory models
- Door-mounted controls
- Field-reversible, self-closing door with magnetic closure
- Undercounter, free-standing, and stackable
- 7-day chart recorder (Plasma models)



- Capacity from 142 L to 714 L / Blood bag capacity from 66 to 1008 bags
- Operating temperature range -15°C to -30°C
- Programmable defrost cycles
- Bacteria-resistant powder coating
- Sure-Seal self-closing doors with magnetic door seal
- Custom storage options include drawers, shelves and roll out baskets
- Meet AABB, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulations 2005 standards for blood plasma storage

# Refrigerators and Freezers

## i.C<sup>3</sup>™ User Interface

### Monitor · Acknowledge · Download

#### *Exclusively on i.Series™ Models*

The i.C<sup>3</sup> user interface provides integrated monitoring and control for all i.Series Refrigerators and Freezers. It offers constant temperature monitoring with a full range of audible and visual alarms.

- Event, temperature, and corrective action logs can be downloaded directly from the screen and saved for audits
- Door mounted 177mm full-color touchscreen ergonomically placed at eye-level on upright models and angled on undercounter models
- Interactive temperature graph, home screen customization, and password protection
- i.Act™ event acknowledgement offers on-screen corrective action
- Modular design allows options to be added. i.D™ Integrated Electronic Access Control is currently available.



**Full-color Touchscreen**



**Easy-to-use  
Icon Navigation**

## Optional Access Control

### i.Series™

#### **i.D™ Integrated Electronic Access Control via i.C<sup>3</sup>™ User Interface**

The Access Control option offers secure access to the refrigerator or freezer via an integrated electronic lock.

- Entry is controlled by PIN access
- Up to 100 unique User ID's can be set up directly from the i.C<sup>3</sup> user interface
- The Access Control display can be used as an alternative Home Screen
- The Access Control log provides an audit trail of all refrigerator or freezer entries and includes the User ID, Date, Time, Duration and Method of Entry



### Horizon Series™

#### **Integrated Access Control via Keypad**

The optional Horizon Access Control keypad provides fail-secure digital keypad access.

- A lock is integrated into the unit and unlocked by entering a user code on the integrated keypad.
- Up to 100 User Codes can be entered into the keypad



Distributed By:

## Accessories

- Temperature Chart Recorders
- Remote Alarms
- Storage Trays
- Remote Lock Adapter Kits
- Locking Drawers
- USB Flashdrive
- i.C<sup>3</sup> Screen Protectors
- Leveling Feet



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