



PLATELET STORAGE SYSTEMS

- i.Series®
- Horizon Series™

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Incubators and Agitators sold separately (except PC4200i)

The name Helmer has long been synonymous with dependable platelet storage. We have combined our experience and innovation to bring you the most advanced Platelet Storage Systems available today. Our feature-rich i.Series line offers advanced security and monitoring, and our Horizon Series provides all essential features.

i.SERIES®

Platelets merit the most advanced alarm/monitoring available because of their limited supply and short shelf life. Helmer presents our i.Series™ line of platelet storage products to safeguard this valuable blood component. This advanced line features the i.Center® Integrated Monitoring System which provides unprecedented levels of security and access to information. The i.Center, along with our many other innovative features, makes Helmer's i.Series the leader in Platelet Storage Systems.

i.SERIES® PLATELET STORAGE SYSTEMS PROVIDE THE FOLLOWING BENEFITS:

Advanced Alarm Monitoring

Critical functions of the incubator are monitored to provide the safest environment for your platelet products.

Automatic Alarm Testing

High and low temperature alarm testing is accomplished at the touch of a button.

Access to Information

Only the i.Series line of platelet incubators brings you the complete command and information capabilities of the i.Center. It provides the ability to view all events and conditions the platelets have been exposed to during storage.

Agitator Motion Tracking

The exclusive AgiTrak™ System includes a cycle counter, event logs, and an RPM display to monitor and provide feedback on agitator performance. (i.Series agitator required.)

Precise Temperature Control

Our platelet incubators feature a digital microprocessor controller, providing precise temperature control for secure storage.

Constant Agitation

Helmer's exclusive Auto-Stop door switch pauses the agitator(s) when the incubator door is opened. Agitator motion automatically resumes when the door is closed, ensuring continuous agitation of the platelets.

The Safety of Bacteria-Resistant Powder Coating

Our exclusive bacteria-resistant powder coating is used on each incubator's exterior, interior, and door handle(s).

A Size and Configuration to Meet Your Needs

Select from a full line of six incubators including space saving countertop models and maximum storage floor models. Incubators can accommodate from 15 to 396 random platelet bags (5 to 132 apheresis bags).

HORIZON SERIES™

Helmer's dependable storage can also be obtained with the Horizon Series™ line of Platelet Storage Systems. Our time-proven models have been updated and now come with added features to provide a secure environment for your platelets.



Incubators and Agitators sold separately (except PC4200h)

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HELMER PLATELET INCUBATOR COMPARISON

Platelet Incubators all provide temperature control and alarm monitoring. Please use the chart below to compare the features of the i.Series to the Horizon Series.

i.SERIES®	HORIZON SERIES™
	
TEMPERATURE CONTROLLER <ul style="list-style-type: none"> • Independent from alarm/monitor 	TEMPERATURE CONTROLLER <ul style="list-style-type: none"> • Combined controller and alarm/monitor
ALARM/MONITOR SYSTEM Exclusive i.center® Integrated Monitoring System includes: <ul style="list-style-type: none"> • Password protected configuration • Automatic high/low temperature alarm testing (Peltier based) • AgiTrak system (includes RPM display screen, agitator count and alarm logs, and agitator cycle counter) • Audible and visual alarms • Dual stainless steel temperature alarm/monitor probes (PC3200i and PC4200i) • Single, stainless steel temperature alarm/monitor probe (other models) • Alarm event log • Flash memory upgradable • Dry contact connection to central alarm systems • i.Help™ onboard help information • Adjustable alarm volume and type • i.Center LCD viewscreen • 24-hour temperature graph screen saver • Optional RS232 port 	ALARM/MONITOR SYSTEM Standard alarm/monitor system includes: <ul style="list-style-type: none"> • Controller lockout • Manual alarm test • Audible and visual alarms • Single, stainless steel temperature alarm/monitor probe (all models) • Dry contact connection to central alarm systems • Fixed alarm volume and type • LED digital display
CABINET <ul style="list-style-type: none"> • Bacteria-resistant, powder coated interior • 7 day, inkless chart recorder with battery backup • Auto-Stop door switch • Swivel, locking casters on floor models 	CABINET <ul style="list-style-type: none"> • Bacteria-resistant, powder coated interior • 7 day, inkless chart recorder with battery backup • Auto-Stop door switch • Swivel, locking casters on floor models
WARRANTY 5 Years Compressor, 2 Years Parts, 1 Year Labor	WARRANTY 3 Years Compressor, 2 Years Parts, 1 Year Labor

i.SERIES® PLATELET STORAGE SYSTEMS

i.Series incubators and agitators offer advanced monitoring and information with the i.Center Integrated Monitoring System. The large digital viewscreen is easy to read and allows access to all functions of the i.Center. Tracking capabilities allow the user to monitor system performance at all times.

TEMPERATURE CONTROL AND MONITORING

- Digital microprocessor temperature controller factory set to 22°C. (Operating temperature range is 20°C to 35°C.)
- Controller is independent from the alarm/monitor system
- Four-inch, 7-day circular chart recorder with the following features:
 - Inkless, pressure-sensitive chart paper with a range of 0°C to 35°C
 - Electronic drive mechanism for consistent results
 - Battery backup ensuring continuous operation
 - Touch button controls for chart changes and calibration
 - Power status indicator



Temperature Chart Recorder

i.center®

INTEGRATED MONITORING SYSTEM

- i.Series platelet incubators incorporate the exclusive i.Center Integrated Monitoring System as described on pages 6 and 7.
- Stainless steel temperature probe ensures alarm will activate before valuable product is exposed to temperatures above or below the acceptable range. Models PC3200i and PC4200i feature dual probes.



Temperature
Controller

PLATELET INCUBATOR REFRIGERATION SYSTEM

- Heavy-duty, air-cooled, forced-air refrigeration system
- Non-CFC, commercially available refrigerant
- Automatic condensate evaporator is standard
- Forced air circulation maintains chamber uniformity of $\pm 1^{\circ}\text{C}$ and provides quick recovery

PLATELET INCUBATOR FEATURES

- Auto-Stop feature pauses agitation when incubator door is opened and automatically resumes agitation when door is closed
- Bacteria-resistant, powder-coated steel interior, exterior, and door handles
- Tempered glass door(s) with key lock
- Electric heat evaporator on countertop models
- All controls located in one convenient location
- Swivel locking casters (floor models)

PLATELET AGITATOR FEATURES

- Heavy-duty ball bearing gear motor
- Internal fan
- Delrin® rollers and glides allow the drawer storage platform to agitate smoothly
- Sturdy, one piece perforated drawers for uniform air circulation. Drawers are removable for storage of different sized product (except PF15i).
- Label holders provided for each agitator drawer (except PF15i)

i.Series incubators feature the i.Center Integrated Monitoring System. i.Center technology constantly monitors the chamber temperature and critical incubator and agitator functions, safeguarding the products inside and providing valuable information to the user. At the heart of the system is the large, easy-to-read digital viewscreen, which is your window into a powerful array of features. Benefits of the i.Center include:

Security

- Advanced alarm monitoring of temperature, agitator motion, and door openings
- Password required to change configuration settings
- Battery back-up

Convenience

- Automatic high/low alarm testing works at the touch of a button
- Adjustable alarm volume and tone
- Help menu

Access To Information

- Event log records and displays alarms with date and time
- LCD temperature graph displays 24 continuous hours of data on screen

i.Series agitators are equipped with a built-in motion alarm. An alarm will sound if the side-to-side motion is not detected, ensuring continuous agitation of your platelets.



FEATURES OF THE i.center®

- Microprocessor-based alarm/monitoring system is independent from the temperature controller
- Dual stainless steel RTD probes (PC3200i and PC4200i)
- Single stainless steel RTD probe (all other incubator models)
- Digital display of chamber temperature (PC3200i and PC4200i display both upper and lower temperatures)
- Automatic high/low alarm testing (Peltier based)
- AgiTrak system monitors agitator motion
- Cycle counter tracks the number of agitator cycles
- Agitator cycles are recorded in the i.Center
- Event log records alarm conditions with date and time
- Password protected configuration
- LCD continuous 24-hour temperature graph operates as a screen saver
- “Soft” programmable buttons
- System status with visual and audible alarms
- Exclusive i.Help provides on-board help for system training and service
- Dry contact connection to remote alarm systems
- Flash memory upgradable
- Digital calibration
- Continuous “automatic battery check” system
- Door open counter resets itself daily
- Date and time display
- Battery backup
- Optional RS232 port



AUDIBLE AND VISUAL SYSTEM ALARMS AND ALERTS

- High and low temperature alarms
- Door ajar alarm
- Power failure alarm
- Condenser efficiency alarm
- No battery alarm
- Motion alarm (i.Series agitators)
- Low battery alert*
- Change chart paper alert*

*Visual Only

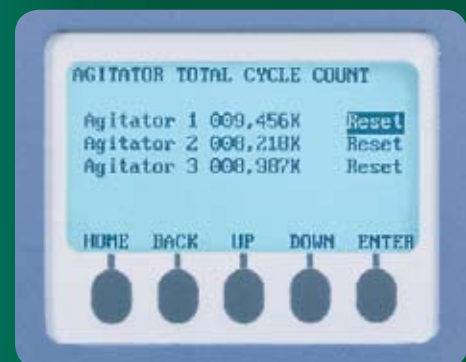
USER DEFINED SETTINGS

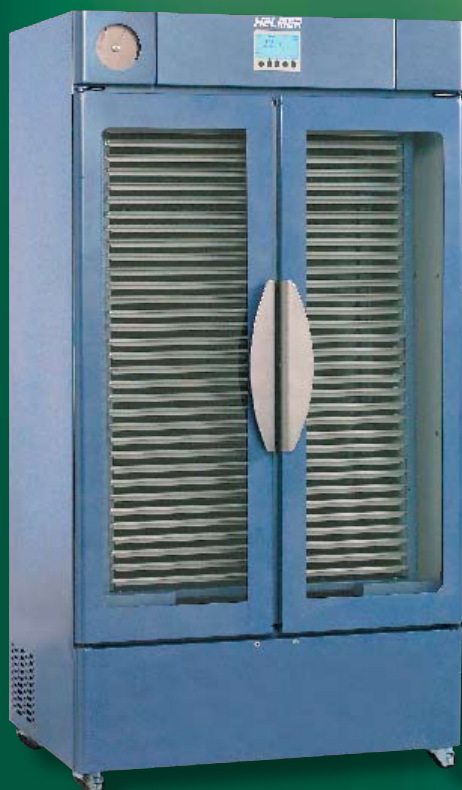
- Date and time format
- Alarm temperature setpoints
- Time delays on door ajar and power failure alarms
- Mute and ring-back intervals
- Viewscreen contrast
- Alarm volume
- Four alarm options: single beep, double beep, triple beep, continuous
- Optional alarm function for lower temperature probe (PC3200i and PC4200i only)
- Password protection
- 24-hour temperature graph display

i.center® AGITRAK™ SYSTEM

The AgiTrak system is exclusive to i.Series platelet incubators. With AgiTrak, the i.Center monitors the function of agitator(s) placed in the incubator. To utilize the i.Center's AgiTrak system, the platelet agitator must be an i.Series model with a motion alarm. AgiTrak features an RPM validation screen which monitors the cycle speed of the agitator(s), as well as agitator count and logs which record alarm conditions. It also features an agitator cycle counter which tracks the number of cycles on all agitators housed within the incubator.

AGITRAK MONITOR SCREENS





Model PC4200i

FLOOR MODEL INCUBATORS

Helmer offers three floor model platelet incubators in the i.Series line. These units feature eye level controls and alarms.

The PC2200i contains two shelves and holds two PF96i agitators. It can store 192 random bags (64 apheresis bags). The PC3200i has three shelves and holds three PF96i agitators. Total capacity is 288 random bags (96 apheresis bags).

The PC4200i is the largest capacity platelet incubator available. It features a built-in agitator with a capacity of 396 random bags (132 apheresis bags).

i.Series floor model units feature:

- Dual-pane, tempered glass double doors with magnetic seal
- Swivel locking casters that allow units to be moved
- PC2200i and PC3200i units are equipped with roll-out drawers that allow easy access to the agitators inside
- Key lock

i.Series Models Available:

Incubator	Agitator Compatibility
PC2200i	2-PF96i
PC3200i	3-PF96i
PC4200i	Built-in agitator



Model PC3200i

Model PC2200i

COUNTERTOP INCUBATORS

Our i.Series countertop platelet incubators provide the security of a continuously controlled temperature environment with an efficient use of counter space. Top mounted controls, i.Center Integrated Monitoring System, and chart recorder are positioned for easy access. Three countertop models are available.

Features of the countertop units include:

PC100i

- Electric condensate evaporator
- Forced-air circulation
- Dual-pane, tempered glass door (left-hinged)
- Key lock

PC900i and PC1200i

- Electric condensate evaporator
- Forced-air circulation
- Retractable, single-pane, tempered glass door
- Key lock



Model PC100i



Model PC900i



Model PC1200i



Model PC900i with PF48i

i.Series Models Available:

Incubator	Agitator Compatibility
PC100i	1-PF15i
PC900i	1-PF48i
PC1200i	1-PF96i

PLATELET AGITATORS

Helmer Platelet Agitators offer a wide range of storage capacities. Delrin® rollers and glides allow the drawer storage platform to agitate smoothly, eliminating the need for ball bearings which wear down and squeak. Sturdy, one-piece perforated drawers with non-slip textured coating provide uniform air circulation for your platelets.

i.Series platelet agitators feature a built-in motion alarm with adjustable volume and delay. An alarm sounds when the side-to-side motion is not detected. When placed in an i.Series incubator, the agitator can be monitored by the i.Center with the AgiTrak system. (See page 7 for more information.)

Other features include:

- Single fan for forced air cooling
- Pull-out drawers for easy access to platelets (except PF15i)
- Drawers are removable to create additional space (except PF15i)
- Label holders provided for each agitator drawer (except PF15i). They accommodate magnetic or adhesive labels.



Model PF15i



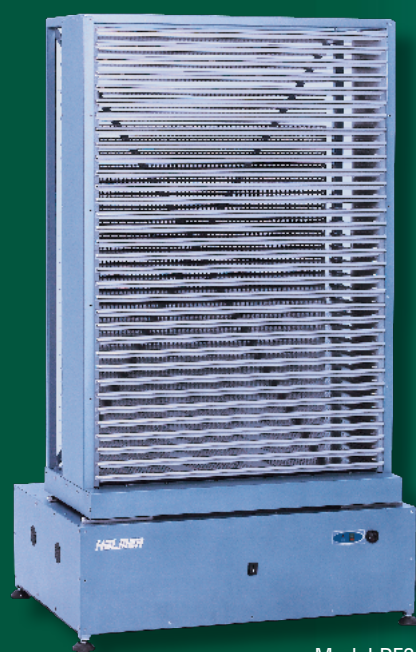
Model PF48i



Model PF96i

Agitator Capacities:

PF15i	15 Random Bags / 5-10 Apheresis Bags
PF48i	48 Random Bags / 16 Apheresis Bags
PF96i	96 Random Bags / 32 Apheresis Bags
PF396i	396 Random Bags / 132 Apheresis Bags



Model PF396i

Helmer offers the PF396i floor model agitator. This stand alone unit is equipped with a heavy duty gear motor, removable, pull-out drawers, and adjustable feet.



Model PF96i with drawer label holders

HORIZON SERIES™ PLATELET STORAGE SYSTEMS

Horizon Series incubators and agitators offer solid performance and quality to meet your platelet storage needs. The incubators feature an integrated microprocessor-based temperature controller and alarm/monitor with LED display. The temperature controller/alarm can be programmed to meet your desired operating parameters.

TEMPERATURE CONTROL AND MONITORING

- Digital microprocessor temperature controller factory set to 22°C. (Operating temperature range is 20°C to 35°C.)
- Four-inch, 7-day circular chart recorder with the following features:
 - Inkless, pressure-sensitive chart paper with a range of 0°C to 35°C
 - Electronic drive mechanism for consistent results
 - Battery backup ensuring continuous operation
 - Touch button controls for chart changes and calibration
 - Power status indicator
- Microprocessor-based alarm/monitor system
- Single, stainless steel temperature probe



Bezel



Temperature Chart Recorder

Temperature
Controller



PLATELET INCUBATOR REFRIGERATION SYSTEM

- Heavy-duty, air-cooled, forced-air refrigeration system
- Non-CFC, commercially available refrigerant
- Automatic condensate evaporator is standard
- Forced air circulation maintains chamber uniformity of $\pm 1^\circ\text{C}$ and provides quick recovery

PLATELET INCUBATOR FEATURES

- Auto-Stop feature pauses agitation when incubator door is opened and automatically resumes agitation when door is closed
- Bacteria-resistant, powder-coated steel interior, exterior and door handles
- Tempered glass door(s) with key lock
- Electric heat evaporator on countertop models
- All controls located in one convenient location
- Swivel locking casters (floor models)

PLATELET AGITATOR FEATURES

- Heavy-duty ball bearing gear motor
- Internal fan
- Delrin® rollers and glides allow the drawer storage platform to agitate smoothly
- Sturdy, one piece perforated drawers for uniform air circulation. Drawers are removable for storage of any size product (except PF15h).
- Label holders provided for each agitator drawer (except PF15h)

ALARM/MONITOR SYSTEM FEATURES

- Audible and visual high/low alarm
- Manual high/low alarm testing
- Fixed alarm volume and type
- Single, stainless steel temperature probe
- Controller lockout feature
- Dry contact connection to central alarm systems

HORIZON SERIES | PLATELET INCUBATORS

FLOOR MODEL INCUBATORS



Three floor model platelet incubators are available in the Horizon Series line. They feature dual-pane, tempered glass double doors with a magnetic seal, swivel locking casters, and a key lock. PC2200h and PC3200h units are equipped with roll-out drawers for easy access to the agitators inside.

The PC2200h contains two shelves and can store 192 random bags (64 apheresis bags). The PC3200h has three shelves and stores 288 random bags (96 apheresis bags). The PC4200h features a built-in agitator with a capacity of 396 random bags (132 apheresis bags).

Horizon Series Models Available:

Incubator	Agitator Compatibility
PC100h	1-PF15h
PC900h	1-PF48h
PC1200h	1-PF96h
PC2200h	2-PF96h
PC3200h	3-PF96h
PC4200h	Built-in agitator

COUNTERTOP INCUBATORS

Three countertop incubators are available in the Horizon Series line. These incubators offer top mounted controls and chart recorder for easy access. They feature an electric condensate evaporator and forced air circulation. The PC100h includes a dual-pane, left-hinged, tempered glass door. Both the PC900h and PC1200h feature a retractable, single-pane, tempered glass door. Key locks are included on all models.



Model PC100h



Model PC900h



Model PC1200h

PLATELET AGITATORS

Agitator features include:

- One-piece perforated drawers with non-slip textured coating for uniform air circulation
- Delrin® rollers and glides that allow the drawer storage platform to agitate smoothly
- Pull-out, removable drawers (except PF15h)
- Single fan for forced air cooling of motor compartment
- Label holders provided for each agitator drawer (except PF15h). Holders accommodate magnetic and adhesive labels.

Please note: Horizon Series agitators are not equipped with a motion alarm and cannot be monitored by the i.Series AgiTrak system. Horizon agitators are not recommended for use in an i.Series incubator.



Model PF15h



Model PF48h



Model PF96h



Model PC900h with PF48h

Agitator	Capacity
PF15h	15 Random Bags / 5-10 Apheresis Bags
PF48h	48 Random Bags / 16 Apheresis Bags
PF96h	96 Random Bags / 32 Apheresis Bags

SPECIFICATIONS

COUNTERTOP PLATELET INCUBATOR SPECIFICATIONS

MODEL	PC100i	PC100h	PC900i	PC900h	PC1200i	PC1200h
Door	Dual-Pane Tempered Glass Door		Single-Pane Tempered Glass Door			
Interior Material	Galvannealed Steel with Bacteria-Resistant Powder Coating					
Interior Dimensions (w x h x d)	17.5" x 13.25" x 10.75" 45cm x 34cm x 27cm		22.25" x 15.75" x 17.75" 57cm x 41cm x 46cm		35.25" x 15.75" x 17.75" 90cm x 41cm x 46cm	
Exterior Dimensions (w x h x d)	21.25" x 25" x 18.75" 54cm x 64cm x 48cm		26" x 30.25" x 25.25" 66cm x 77cm x 65cm		40.25" x 30.25" x 25.25" 102cm x 77cm x 65cm	
Overall Exterior Dimensions (w x h x d) (Includes door handle, lock, and evaporation tray)	21.25" x 25" x 23.5" 54cm x 64cm x 60cm		26.5" x 30.25" x 27.75" 67cm x 77cm x 71cm		40.75"x 30.25" x 27.75" 104cm x 77cm x 71cm	
Agitator Compatibility	PF15i	PF15h or PF15i	PF48i	PF48h or PF48i	PF96i	PF96h or PF96i
Refrigeration (115V) (230V)	1.3 HP Air-Cooled, R134A Non-CFC 0.5 HP Air-Cooled, R134A Non-CFC					
Electrical*	115V 60Hz 8 FLA 230V 50/60Hz 5 FLA		115V 60Hz 9 FLA 230V 50/60Hz 4.5 FLA			
Net Weight	105 lb / 48 kg		159 lb / 72 kg		208 lb / 94 kg	

FLOOR MODEL PLATELET INCUBATOR SPECIFICATIONS

MODEL	PC2200i	PC2200h	PC3200i	PC3200h	PC4200i	PC4200h
Doors	Dual-Pane Tempered Glass Doors					
Interior Material	Galvannealed Steel with Bacteria-Resistant Powder Coating					
Interior Dimensions (w x h x d)	36.50" x 35.25" x 18.00" 93cm x 90cm x 46cm		36.50" x 50.75" x 18.00" 93cm x 129cm x 46cm		36.50" x 50.75" x 18.00" 93cm x 129cm x 46cm	
Exterior Dimensions (w x h x d)	40.25" x 60.00" x 28.00" 103cm x 153cm x 72cm		40.25" x 75.50" x 28.00" 103cm x 192cm x 72cm		40.25" x 75.50" x 28.00" 103cm x 192cm x 72cm	
Overall Exterior Dimensions (w x h x d) (Includes door handles)	40.25" x 60.00" x 30.25" 103cm x 153cm x 77cm		40.25" x 75.50" x 30.25" 103cm x 192cm x 77cm		40.25" x 75.50" x 30.25" 103cm x 192cm x 77cm	
Agitator Compatibility	PF96i (2)	PF96h or PF96i (2)	PF96i (3)	PF96h (3) or PF96i (3)	Built-in	
Casters	4 swivel, locking					
Refrigeration (115V) (230V)	1.8 HP Air-Cooled, R134A Non-CFC 2.1 HP Air-Cooled, R134A Non-CFC		1.8 HP Air-Cooled, R134A Non-CFC 2.2 HP Air-Cooled, R134A Non-CFC		1.9 HP Air-Cooled, R134A Non-CFC 2.3 HP Air-Cooled, R134A Non-CFC	
Electrical*	115V 60Hz 11.5 FLA 230V 50/60Hz 7 FLA		115V 60Hz 12 FLA 230V 50/60Hz 7 FLA		115V 60Hz 14.5 FLA 230V 50/60Hz 8.3 FLA	
Net Weight	363 lb / 165 kg		431 lb / 196 kg		663 lb / 301 kg	

Allow a minimum of 4" (11cm) across top and back of all countertop incubators for ventilation.

Allow a minimum of 4" (11cm) across sides and back of all floor model incubators for ventilation and power cord.

All specifications subject to change.

* FLA specification includes load of maximum number of Helmer agitator(s) operating inside the chamber.

Certified to applicable UL and CSA standards by a NRTL
(PF396i excluded)



PLATELET AGITATOR SPECIFICATIONS

MODEL	PF15i	PF15h	PF48i	PF48h	PF96i	PF96h	PF396i
Base Material	Galvannealed Steel with Bacteria-Resistant Powder Coating						
Dimensions (w x h x d)	13.50" x 12.50" x 9.25" 35cm x 32cm x 24cm		18.00" x 15.25" x 14.50" 46cm x 39cm x 37cm		33.50" x 15.25" x 14.50" 86cm x 39cm x 37cm		37.00" x 62.00" x 27.00" 94cm x 157cm x 69cm
Maximum Storage Capacity	15 Random Bags 5-10 Apheresis Bags		48 Random Bags 16 Apheresis Bags		96 Random Bags 32 Apheresis Bags		396 Random Bags 132 Apheresis Bags
Drawers	Texture Coated, Perforated, Non-Slip Drawers						
	5 Stationary		7 Pull-out, 1 Stationary		7 Pull-out, 1 Stationary		33 Pull-out
Incubator Compatibility	PC100i PC100h	PC100h	PC900i PC900h	PC900h	PC1200i PC1200h	PC1200h	Not Applicable
Motion Alarm	Yes	No	Yes	No	Yes	No	Yes
Electrical	115V 60Hz 0.4 FLA 230V 50/60Hz 0.2 FLA						115V 60Hz 3 FLA 230V 50/60Hz 2 FLA
Net Weight	26.5 lb / 12 kg		51 lb / 23 kg		82 lb / 37 kg		250 lb / 114 kg

OPTIONS AND ACCESSORIES

Remote Alarms

RA1 (Part No. 500607-1)

RA4 (Part No. 500608-1)

Helmer alarms extend your existing system to remote locations in your facility. Two models are available. The RA1 offers monitoring of one device or zone and the RA4 provides monitoring of up to 4 devices or zones. Remote alarms are operational up to 3000 ft. away (wiring not included). Audible and visual signals indicate an alarm condition. The alarms are countertop, wall, or cabinet mountable and are compatible with devices featuring dry contact connections. They are AC powered with battery backup for full function during power failure. Available in 100-240V, 50-60Hz.



Label Holder Kit (Part No. 400620-1)

Additional label holders may be purchased separately.

Platelet Incubator Drawer Assembly

Roll-out drawer for placing platelet rotators in incubators.

PC900i/PC900h (Part No. 400618-1)

PC1200i/PC1200h (Part No. 400619-1)

Chart Recorder Paper (Part No. 220273)

4" diameter, 0°C to 35°C, package of 52

Texture Coated, Perforated, Non-Slip Agitator Drawers

Red Designated Drawer - For use in separating platelet product. Includes label holder.

PF48i/PF48h (Part No. 400614-1)

PF96i/PF96h, PF396i, PC4200i/PC4200h (Part No. 400617-1)

Silver Textured Drawer - Additional or replacement drawer for i.Series and Horizon Series platelet agitators. Includes label holder.

PF48i/PF48h (Part No. 400613-1)

PF96i/PF96h, PF396i, PC4200i/PC4200h (Part No. 400616-1)

Black Textured Drawer - Update your existing black drawers with the texture coated, non-slip version. Includes label holder. Contact Helmer for part number for your agitator.

Optional Chart Recorder Deduction (Part No. Z0107)

Incubator may be ordered without chart recorder.



ADDITIONAL INFORMATION

PRODUCT WARRANTY

PLATELET INCUBATORS

i.SERIES | REL.i™ WARRANTY

5 Years Compressor
2 Years Parts
1 Year Labor

HORIZON SERIES WARRANTY

3 Years Compressor
2 Years Parts
1 Year Labor

PLATELET AGITATORS

i.SERIES AND HORIZON SERIES WARRANTY

2 Years Parts
1 Year Labor at Helmer

With Helmer's unique Rapid Resolution* and i.Care support, our professional service staff moves fast to assure you the best care you can receive. These warranties are available in the U.S. and Canada. For information on international warranties, please contact your local distributor.

*With Rapid Resolution, Helmer Service Technicians will determine the fastest method to resolve your service issue.

ALSO AVAILABLE FROM HELMER

TEMPERATURE CHART RECORDERS

TCR 1 / TCR 2 / TCR 3



The three TCR models provide accurate and reliable temperature recording. These durable stand-alone units are versatile and easy to use. Each TCR model continuously records the temperature within a specified operating range, and may be programmed to run at any of the three available ranges.

- 4", 7-day circular chart recorder with inkless, pressure sensitive chart paper
- Countertop, wall, or under cabinet mount
- 15 ft cable with RTD probe
- User programmable to operate at any of the three operating ranges.

Model	Application	Operating Range
TCR1	Incubator/ Ambient	0 to 35°C
TCR2	Refrigerator	-5 to 20°C
TCR3	Freezer	-50 to 0°C

ABOUT | HELMER

Established in 1977 to serve the life science market, Helmer is a manufacturer and worldwide distributor of high quality laboratory equipment and refrigerated products. We have combined our experience and innovation to bring you the most advanced line of Platelet Storage Systems available today.

Helmer Platelet Storage Systems are exclusively manufactured at our headquarters in Noblesville, Indiana. Our products are available in the U.S. and Canada as well as through international distributors worldwide.

For more information, please visit our website at www.helmerinc.com. We look forward to the opportunity to serve you.



Blood Bank and Laboratory Refrigerators • Plasma Storage and Laboratory Freezers (-30°C)
Platelet Storage Systems • Plasma Thawing Systems • Cell Washing System • Hettich Centrifuges (U.S. only)

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