

Helmer Platelet Incubator Setup Guide



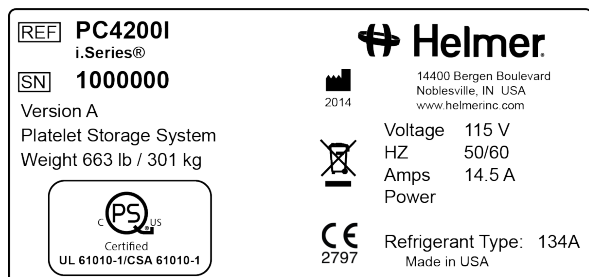
For product registration and complete instructions, refer to current manuals available at

info.helmerinc.com/manuals



Location

- ◆ Has a sturdy, level surface.
- ◆ Has a grounded outlet meeting national electric code (NEC) and local electrical requirements.
- ◆ Is clear of direct sunlight, high temperature sources, and heating and air conditioning vents.
- ◆ Countertop models: Minimum 4" (102 mm) above and behind.
- ◆ Floor models: Minimum 4" (102 mm) on left and right sides.
- ◆ Meets specified limits for ambient temperature and relative humidity as stated in the Specifications section of the Operation Manual.



Sample Product Specification Label

Placement and Leveling

1. Ensure all casters are unlocked (floor models).
2. Place platelet incubator on sturdy surface or roll platelet incubator into place and lock casters (floor models).
3. Ensure platelet incubator is level.

Configure Platelet Agitator for Use in Platelet Incubator (Optional)

NOTE:

- Not applicable for PC4200i which has a built-in platelet agitator.
- i.Series platelet agitators are shipped with one data cable per shelf.
- Disable the platelet agitator motion alarm when installing the platelet agitator in a Helmer i.Series platelet incubator.



1. Disconnect the incubator power cord from the power receptacle.
2. Switch agitation ON/OFF switch **OFF**.
3. **PF15i only:** install fan deflector on the agitator.
4. Connect data cable (i.Series only) and short power cord (shipped with platelet agitator) to the outside of each agitator and inside of the incubator prior to placing agitator inside incubator. Ensure the cord(s) does not interfere with the platelet agitator storage frame.



Agitator Data Port

Initial Start Up

NOTE: Allow incubator to come to room temperature before switching on.

1. Plug power cord into grounded outlet meeting electrical requirements on product specification label.
2. Switch main power switch ON.

i.Series

3. Connect the backup batteries for the monitoring system and alarms.
4. Connect the backup battery for the temperature chart recorder.
5. **PC 100i only:** Install alarm check tube. Position below the probe tip.
6. Once powered on, System Options is displayed.
7. Select the display language by pressing the **INC** or **DEC** buttons, then press the **HOME** button.
8. Press the **MUTE** button if the Low Temperature alarm sounds.

Horizon Series

1. Connect the backup battery for the Power Failure alarm.
2. Connect the backup battery for the Motion alarm (PC4200h only).
3. Connect the backup battery for the temperature chart recorder.
4. Install the alarm check tube (PC100h). Position the tube below the probe tip.
5. Press the **MUTE** button if the Low Temperature alarm sounds.

Chart Recorder Setup

Once power is connected, the chart recorder will begin an initialization sequence. The LED will remain a constant green upon reaching normal operation mode.

Install Chart Paper

1. Press and hold C button. When stylus begins to move left, release button. LED flashes.
2. When stylus stops moving, remove chart knob then move knob up and away.
3. Place chart paper on chart recorder.
4. Gently lift stylus and rotate paper so current time line corresponds to time line groove.
5. Hold chart paper in place while making sure chart knob is fully tightened. (Failure to fully tighten the knob can result in paper slipping and losing time.)
6. Press and hold C button. When stylus begins to move right, release button.
7. Confirm stylus is marking on paper and stops at correct temperature.
8. Calibrate chart recorder to match primary temperature if needed and close chart recorder door.

Initial Loading

Allow chamber temperature to stabilize at setpoint before storing product in incubator.



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