

Helmer Platelet Agitator -Pro Setup Guide



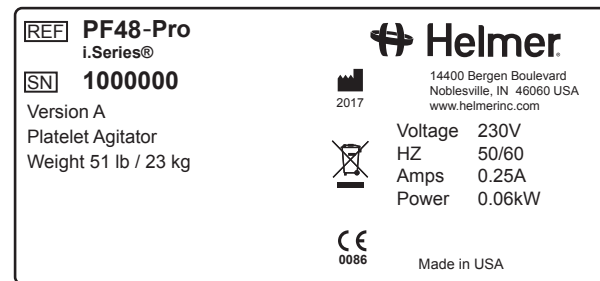
For product registration and complete instructions, refer to current manuals available at

info.helmerinc.com/manuals



Location and Placement

- ◆ To ensure continuous operation of linearly shifting loads, the location surface must be level and adequately accommodate the full weight of the agitator when loaded with product.
- ◆ Has a grounded outlet meeting electrical requirements listed on the product specification label.
- ◆ Is clear of direct sunlight, high temperature sources, and heating and air conditioning vents.
- ◆ To ensure continuous operation of linearly shifting loads, the location surface must adequately accommodate the full weight of the agitator when loaded with product.
- ◆ Minimum 0.5" (13 mm) in front and behind.
- ◆ Minimum 0.75" (20 mm) on left and right sides
- ◆ Meets limits specified for ambient temperature (15°C to 35°C) and relative humidity.



Sample Product Specification Label

Install Mounting Brackets (Optional)

1. Carefully place agitator on its back on a solid surface allowing access to the bottom of the unit.
2. Locate two nutserts in the right or left side toward the front of the unit and align with the two holes in the mounting bracket.
3. Handthread screws through each hole, and secure using a #2 Phillips screwdriver.
4. Repeat steps 2 and 3 for the opposite side.
5. Return the agitator to the upright position.
6. Carefully place the agitator in the desired location aligning the hole in each bracket with the holes in the mounting surface. (if mounting inside an incubator, remove screws in the floor of the incubator prior to installing the agitator).
7. Handthread the screws through the bracket and into the mounting surface. Secure using a #2 Phillips screwdriver.

Install Power Supply (Stand-alone)

1. Remove the cover plate by using the thumb to push and hold the spring loaded locking key downward while sliding the plate forward.
2. Select the desired plug and slide in place until it locks (a clicking sound will occur). Make sure the plug is firmly attached.
3. Attach power supply to the platelet agitator, and ensure the rotating locking ring is finger tight.



Initial Start Up (Stand-alone)

1. Switch the agitation ON/OFF switch OFF.
2. Attach the power supply DC plug to the agitator. Secure by rotating locking ring clockwise until snug.
3. Plug the power supply cord into a grounded outlet that meets the electrical requirements on the product specification label.
4. Set the communication switch to "X".
5. Switch the motion alarm switch ON to automatically connect the backup battery for the motion alarm.
6. Ensure speed is set to center of green zone for operation at 72 cpm (cycles per minute).
7. Switch ON/OFF switch ON.



Speed Control

Configure Platelet Agitator for use in Incubator (optional)

NOTES:

- Only Helmer Pro Series Platelet Agitator models may be used with Pro Series Platelet Incubator models.
- Connect data cable and DC power cable prior to placing a platelet agitator in a platelet incubator.
- The communication switch is fragile, do not use excessive force when changing the setting.
- When installed in a platelet incubator, the motion alarm on the agitator will be suppressed when the agitator is in communication with the incubator. With the agitator motion alarm enabled, the agitator alarm will sound if motion stops and communication is lost.

1. Set the communication switch to 1. Ensure the arrow (shown in red for visibility in the picture) is pointing to the 1.
2. Plug data cable into data port.
3. Connect coiled DC power cable to the agitator. Secure at each end by rotating locking ring clockwise until snug, and place agitator inside incubator.
4. Switch the motion alarm switch ON.
5. Select alarm volume and alarm delay settings.
6. Switch ON/OFF switch ON.



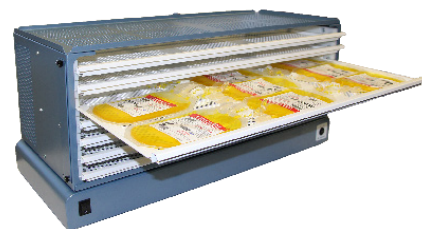
Communication Switch



Alarm Volume and Delay

Initial Loading

Open the drawer to be loaded and lay the platelet bags flat. Avoid stacking bags. Maintain enough space around each bag for air circulation. Shelves are adjustable for thicker bags. See the Platelet Agitator -Pro Operation Manual for instructions.



Model	Capacity	
	WBD/Random Bags	SDP/Apheresis Bags
PF15-Pro	15 (2 per drawer; 3 per shelf)	7 (1 per drawer/shelf)
PF48-Pro	48 (6 per drawer/shelf)	16 (2 per drawer/shelf)
PF96-Pro	96 (12 per drawer/shelf)	32 (4 per drawer/shelf)

