Helmer Scientific, Noblesville, Indiana
www.helmerinc.com

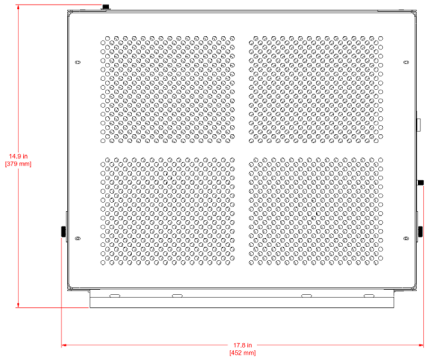
Technical Data Sheet
High-Performance, Platelet Agitator
Model: PF48-Pro

Application, Rating, & Electrical Data	
Application	Provides continuous gentle agitation conditions required for the storage of platelet products
Storage Volume	48 WBD/Random Bags | 16 SDP/Apheresis Bags
Incubator Compatibility	PC900-Pro
Electrical Power	100-240V 50/60Hz Standalone | 24 VDC with compatible incubator
Maximum Power Draw	16 W
Facility Supply Rating	15 A (minimum) branch circuit with earth ground (USA)
Power Plug/Power Cord Length	For standalone operation: DC power supply with 6 ft (1828 mm) with multiple plug adapters
Certification / Agency Listing	QPS (Certified to UL and CSA Standards) CB Test Certificate
Indoor/Outdoor Use	Indoor use only, non-residential
Application Environment	Non-corrosive, non-flammable, non-explosive
Ambient Operating Temperature	+5°C to +35°C, 80% RH
Agitator System	
Agitation Switch	On/Off
Agitation Speed	Yes, 72 cycles/min (CPM), user-adjustable
Motor	BLDC agitation motor with gentle glide operation
Controller Configuration Settings	
Communication Ports	Remote alarm contacts, RS485 to Pro Line Incubator
Alarm Switch	On/Off
Alarm Indication	Audible (adjustable) and visual
Battery Backup	Yes, 2 hours of audible/visual alarm upon loss of motion/facility power. Rechargeable 9V NIMH battery.

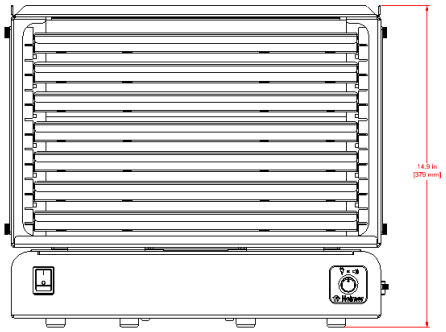
Performance Characteristics	
Energy Consumption | kWh/day	0.27
Heat Rejection / Emission | BTU/hr	40
Noise emission | dBA	49.6

All performance data stated for agitator running at 72 cpm.

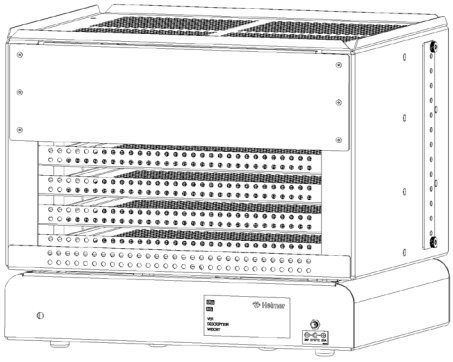
Dimensions and Construction	
Exterior (w x h x d)	17.2 x 14.5 x 13.8 in | 437 x 368 x 351 mm
Overall Exterior (w x h x d)	17.8 x 14.9 x 14.9 in | 453 x 379 x 379 mm
Base Material	Bacteria-resistant powder coating
Interior Storage	1 shelf | 7 ventilated drawers
Drawer Spacing	Adjustable, 0.7 inch increments
Net Weight	50 lb l 23kg
Shipping Weight	59 lb l27 kg
Clearance Requirements	Minimum 0.5" (13mm) behind unit for clearance and feature access Minimum 0.75" (20mm) left and right for clearance
Options | Accessories	Stainless Steel Ventilated Drawers, Drawer label holder (red/white), Additional coupler cord/plugs Remote Alarms, Extended Warranties, Validation Guide (IQ/OQ)
Warranty	2 years parts, 1 year labor Outside US and Canada- Contact your distributor for warranty information



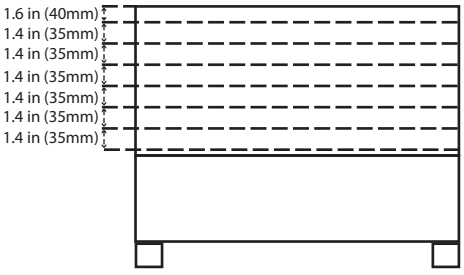
TOP VIEW



FRONT VIEW



BACK VIEW



INTERIOR VERTICAL SPACING

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