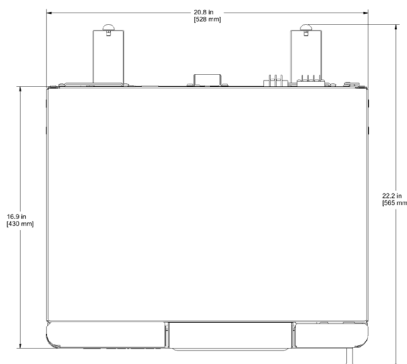Technical Data Sheet
High-Performance, Platelet Incubator

Model: PC100-Pro

Application, Rating, & Electrical Data

Application	Provides the controlled temperature environment required for the storage of platelet products.
Agitator Capacity / Compatibility	1 PF15-Pro
Set Point Temperature Range	+20°C to +35°C
Set Point (default)	+22°C
Electrical Power	100-240V 50/60Hz
Maximum Power Draw	352 W (415W with integrated full system battery backup)
Facility Supply Rating	15 A (minimum) branch circuit with earth ground (USA)
Power Plug/Power Cord Length	NEMA 5-15 hospital-grade | 115V 60Hz, 8 to 10 ft (2.4-3.0m) Inquire about additional cord/plug options
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	+15°C to +35°C | +59°F to +95°F

Refrigeration System

Cooling System	AdvanceCore™ solid-state thermoelectric heat pump technology with dual peltier forced-air circulation
Refrigerant	Water (in heat pipe)

Controller Configuration Settings

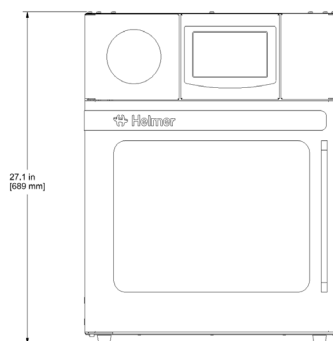|	
User Interface	i.C3® color touchscreen, 7in | 177mm screen, full color, °C or °F
Power Switch	On/Off
Controller Type	Microprocessor with touchscreen input & display
Security	Lockable door, password protected settings, optional PIN entry via keypad
Controller Sensor	RTD, stainless steel
Communication Ports	USB, Remote alarm contacts, RJ45 (Ethernet), API available for Ethernet connectivity development.
Power Failure Alarm	Yes
High / Low Alarms - Tests	Yes, fully adjustable, automatic (Peltier) testing
Door Ajar Alarm	Yes, fully adjustable
Download	Yes, download via USB or Ethernet (API); CSV and PDF reports
Event Log	Yes, download via USB
Temperature Log	Yes, download via USB
Access Log	Yes, with optional access control, download via USB
Interactive Temperature Graph	Yes
AgiTrak™ System	Yes, Provides control, monitoring, and reporting for installed Pro Line agitator
Chart Recorder	Yes, integrated, 4" (102mm) diameter, inkless pressure-sensitive charts, backup battery
Battery Back-up	Yes, 18 hr display and alarm back-up for i.C3® touchscreen monitoring | Rechargeable 12V, sealed lead acid
Battery Back-Up / Integrated Full System	Yes, optional continuous power operation of temperature control and agitation for a minimum of 6 hours | Rechargeable 12V, sealed lead acid (x2)

Performance Characteristics

Uniformity | °C	±1°C
Energy Consumption | kWh/day	1.24
Heat Rejection / Emission | BTU/hr	180
Noise emission | dBA	42.2

All performance data stated for Incubator with compatible agitator running inside at 72 cpm, at +22°C Set point in +25°C ambient conditions.
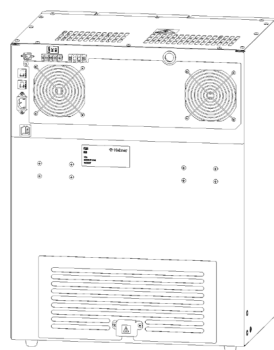
Dimensions and Construction

Interior (w x h x d)	18.5 x 16.2 x 10.7 in | 469 x 411 x 271 mm
Exterior (w x h x d)	20.8 x 26.4 x 16.9 in | 528 x 670 x 429 mm
Overall Exterior (w x h x d)	20.8 x 27.2 x 22.3 in | 528 x 689 x 565 mm
Insulation	Rigid foam board Non-CFC, non-HFC, non-HCFC, environmentally friendly U.S. EPA SNAP compliant
Exterior / Interior Finish	Bacteria-resistant powder coating
Door	1, dual-pane tempered glass, left-hinge
Key Lock	Yes
Access Port	Yes, 0.75 in (19mm) diameter
Auto-Stop/Start | Agitator	Yes
Net Weight	116 lb | 53 kg
Shipping Weight	130 lb | 59 kg
Clearance Requirements	Minimum 4 in | 102 mm above unit Minimum 4 in | 102 mm behind unit for clearance and feature access, additional clearance required +28°C and above
Options | Accessories	Certificate of calibration, Temperature validation, Electronic access control, Integrated full system backup battery, Additional cord/plugs, Remote alarms, Chart paper, Validation guide (IQ/OQ), Extended warranty
Warranty	Rel.i™ Warranty- 5 years thermoelectric module, 2 years parts, 1 year labor Outside US and Canada- Contact your distributor for warranty information

TOP VIEW

FRONT VIEW

BACK VIEW

bsi ISO 13485 Medical Devices Quality Management FM 536280 CE 0086 RoHS COMPLIANT