

BloodTrack® HaemoBank® Blood Storage Device

Technical Data Sheet

Specifications

The BloodTrack® HaemoBank® 80 blood storage device has 80 secure access compartments to store blood components. It consists of three components: the Compartmental Access Refrigerator, Access Console and Consumable Cart. The device works with BloodTrack® software to act as a 24/7 virtual, automated transfusion service, helping to reduce blood bank workload, safely improve access and reduce waste.



Application

Application	Storage of blood products and other medical and scientific products.
Storage Capacity	80 trays / 1 blood bag per tray / liquid tight
Temperature Range	2°C to 10°C (36°F to 50°F)
Default Set Point	4°C (39°F)

Electrical Data

Input Voltage and Frequency	115 Vac (60Hz); 220-240 Vac (50/60Hz)
Voltage Tolerance	10%
Current Draw	5.15A (115 V); 4.5A (220-240 V)
Circuit Breakers	7 A (quantity 2)
Power Source	Grounded outlet, meeting national electric code (NEC) in the U.S. and local electrical requirements in all locations
Power Switch	Main power switch Battery disconnect switch (quantity 2)
Power Plug	NEMA 5-15 hospital grade plug (115 V) BS1363 and CEE 7/7 plugs (220-240 V)

Ratings

Ambient Operating Temperature	15°C to 32°C (59°F to 90°F)
Relative Humidity	80% for temperatures up to 31°C, decreasing linearly to 50% at 40°C
Sound Pressure Level (SPL)	53 dBA (in-house test)
Indoor/Outdoor Use	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive
Certificate of Calibration	Included

Controller

Interface	i.C³®, 7" color LCD touchscreen
Controller Type	Microprocessor with touchscreen input and display. Includes USB port for data retrieval.
Communication Ports	(1) USB Port (side of door-mounted user interface)
Alarms	High temperature, low temperature, air and compressor temperature; door open; AC power failure; low battery; no battery
Remote Alarm Interface	Dry contacts, N.O. and N.C.
Remote Alarm Capacity	0.5 A at 30 V (AC RMS); 1.0 A at 60 V (DC)
Event Log	All alarms, door openings, download via USB
Temperature Log	60 days, download via USB
Temperature Monitor	Probe bottle, 4oz. (120 mL)
Access Log	60 days, download via USB
Interactive Temperature Graph	Yes
Battery Back-up	12 V, 26 Ah rechargeable sealed lead acid battery

BloodTrack® Host Interface

Controller Type	Computer with 10.5" color LCD touchscreen
Audible	Internal mounted speaker
Communication (Top)	(2) Ethernet Ports
Reading Devices (Front)	(1) Optical Scanner (1) RFID Reader
Communication Port (Printer drawer)	USB Type B connector
Battery Back-up	12 V, 7 Ah rechargeable sealed lead acid battery

Dimensions and Construction

Exterior (w x h x d) in (mm) (includes handle, casters, hinges)	43.5" x 79.75" x 38.1" (1105 x 2026 x 968 mm)
Net Weight	937 lb (425 kg)
Chamber Light	Yes, LED
Casters	Swivel, locking

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Compartmental Access Refrigerator Specifications



Electrical Data

Input Voltage and Frequency	115 Vac (60 Hz); 220-240 Vac (50/60Hz)
Voltage Tolerance	±10%
Current Draw	2.65 A (115 V), 2.0 A (220-240 V)
Circuit Breakers	7 A (quantity 2)
Power Source	Grounded outlet, meeting national electric code (NEC) in the U.S. and local electrical requirements in all locations

Refrigeration System

Refrigeration System	Forced-air circulation
Compressor	0.33 HP, air-cooled
Refrigerant	R600a Isobutane (non-CFC, non-HFC)

Dimensions and Construction

Interior (w x h x d) in (mm)	24.75" x 58.25" x 32" (629 x 1480 x 813 mm)
Exterior (w x h x d) in (mm) (Includes handle, casters, hinges)	29" x 79.7" x 38.1" (737 x 2024 x 968 mm) Fits through standard 36" (914 mm) doorway
Exterior height without bezel	78.75" (2000 mm)
Insulation	Sustainable, U.S. EPA and SNAP approved foam
Wall Thickness	2" (51 mm)
Door Thickness	2" (51 mm)
Internal/External Material	Galvannealed steel with bacteria-resistant powder-coated finish
External Top Port	1" (25.4 mm) diameter port for external monitoring of temperature probes
Tray (w x l x d) in (mm)	4.78" x 12.97" x 1.52" (121 x 329 x 39 mm)
Net Weight	763 lb (346 kg)
Shipping Weight	857 lb (389 kg)
Shipping Dimensions (w x h x d) in (mm)	44" x 34" x 88" (1118 x 864 x 2236 mm)
Chamber Light	Yes, LED
Casters	Swivel, locking
Options/Accessories	Temperature Mapping Certificate, Floor/Wall Anchoring Kit
Clearance Requirements	Allow 1" (26 mm) behind unit Allow 8" (203 mm) above unit

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Access Console Specifications



Electrical Data

Input Voltage and Frequency	100-240 Vac (50/60 Hz)
Voltage Tolerance	±10%
Current Draw	2.5 A (110-240 V) with printer
Circuit Breakers	4 A (quantity 2)
Power Source	Compartmental Access Refrigerator component

Dimensions and Construction

Exterior (w x h x d) in (mm)	14" x 51.5" x 23.6" (356 x 394 x 599 mm)
Drawer (w x h x d) in (mm)	1 pull-out locking, includes power cable (holds optional printer) 9.4" x 7.8" x 20" (239 x 198 x 508 mm)
Net Weight	108 lb (49 kg)
Shipping Weight with the Consumable Cart	232 lb (105 kg)
Shipping Dimensions with the Consumable Cart (w x h x d) in (mm)	48" x 60" x 30" (1219 x 1524 x 762 mm)

Consumable Cart Specifications

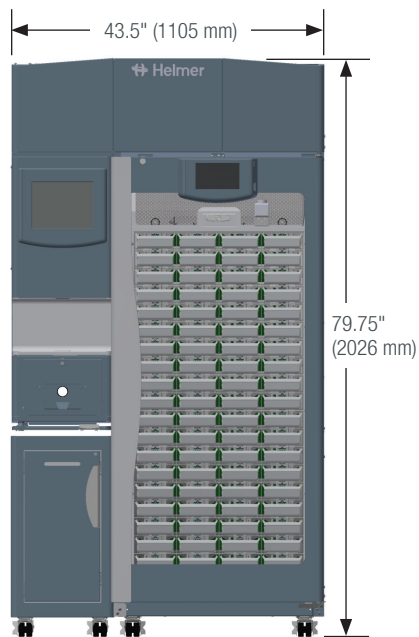


Dimensions and Construction

Interior (w x h x d) in (mm)	10.6" x 18" x 21" (269 x 457 x 533 mm)
Exterior (w x h x d) in (mm) (Includes handle, casters, hinges)	14.2" x 27.75" x 21.6" (361 x 705 x 549 mm)
Compartments/Shelves	1 trash compartment / 2 adjustable shelves
Net Weight	66 lb (30 kg)
Shipping Weight with the Access Console	232 lb (105 kg)
Shipping Dimensions with the Access Console (w x h x d) in (mm)	48" x 60" x 30" (1219 x 1524 x 762 mm)
Casters	Swivel, locking
Door	Locking, document slot

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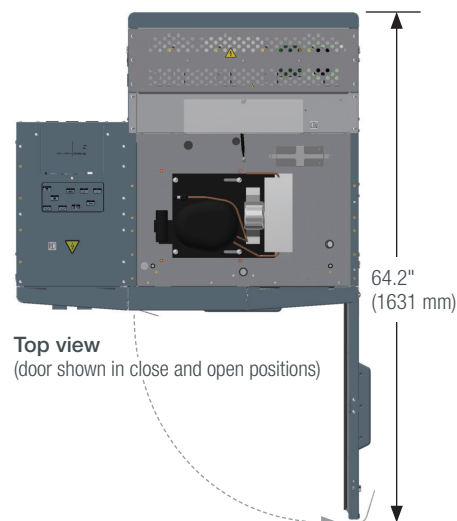
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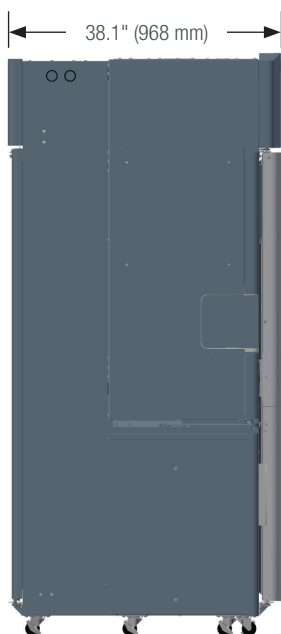
Front view



Back view



Top view
(door shown in close and open positions)



Left side view



Right side view

For a list of worldwide office locations and contact information, visit www.haemonetics.com/officelocations