

BloodTrack® HaemoBank™

Technical Data Sheet

The HaemoBank device consists of three components: the Compartmental Access Refrigerator, Access Console and Consumable Cart

Compartmental Access Refrigerator Specifications



Application and Electrical Data

Application	Storage of blood products and other medical and scientific products.
Temperature Range	2 °C to 10 °C (36 °F to 50 °F) @ 15 °C to 32 °C ambient
Default Set Point	4 °C (39 °F)
Input Voltage and Frequency	115 V (60 Hz); 230 V (50 Hz); 230 V (60 Hz)
Voltage Tolerance	±10%
Circuit Breakers	Main Unit = 6 A (230 V models only, quantity 2)
Current Draw	11.9 A (115 V, 60 Hz); 9.5 A (230 V, 50 Hz); 10.9 A (230 V, 60 Hz)
Power Source	Grounded outlet, meeting national electric code (NEC) in the U.S. and local electrical requirements in all locations.
Sound Pressure Level (dBA)	<70 dBA
Indoor/Outdoor Use	Indoor use only

Refrigeration System

Refrigeration System	Forced air circulation
Compressor	0.33 HP, air-cooled
Refrigerant	R-134A (non-CFC)
Initial Charge	10.1 oz. (286 g)

Performance Data

Energy Consumption with the Access Console	1.37 kW (115 V, 60 Hz); 2.19 kW (230 V, 50 Hz); 2.51 kW (230 V, 60 Hz)
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Controller

Interface	i.C³, 7" color LCD touchscreen
Controller Type	Microprocessor with touchscreen input and display. Includes USB hub for data retrieval.
Communication Ports	(1) USB Port (side of door-mounted user interface)
Alarms	High, low, air and compressor temperature; door open; AC power failure; low battery; no battery; communication failure
Remote Alarm Interface	Dry contacts (standard)
Remote Alarm Capacity	0.5 A at 30 V (RMS); 1.0 A at 60 V (DC)
Event Log	All alarms, door openings, download via USB
Temperature Log	60 days, download via USB Resettable Min/Max temperature
Access Log	60 days, download via USB
Battery Back-up	12 V, 7 Ah rechargeable sealed lead acid battery (quantity 1)

Dimensions and Construction

Interior (w x h x d) in (mm)	24.75" x 58.25" x 32" / (629 x 1480 x 813)
Exterior (w x h x d) in (mm) (Includes handle, casters, hinges)	29" x 79.7" x 38.1" / (737 x 2024 x 968) Fits through standard 36" (914 mm) doorway
Exterior height without bezel	78.75" (2000 mm)
Insulation	High-density, non-CFC foam
Wall Thickness	2" (51 mm)
Door Thickness	2" (51 mm)
Internal/External Material	Galvannealed steel with bacteria-resistant powder-coated finish
Trays & Capacity	80 trays / 1 blood bag per tray
External Top Port	1 standard
Casters	Standard / swivel, locking
Net Weight	747 lb (339 kg)
Shipping Weight	841 lb (471 kg)
Shipping Dimensions (w x h x d) in (mm)	44" x 34" x 87" / (1118 x 864 x 2210)
Options / Accessories	Left or right hinged, Temperature Chart Recorder, Temperature Mapping Certificate, 20199 Certificate of Calibration, Floor and Wall Mount kit
Clearance Requirements	Allow 3" (76 mm) behind unit Allow 8" (203 mm) above unit

Access Console Specifications



Electrical Data

Input Voltage and Frequency	115 V (60 Hz); 230 V (50 Hz); 230 V (60 Hz)
Voltage Tolerance	±10%
Circuit Breakers	4 A
Current Draw	2.85 A (115 V, 60 Hz); 2.80 A (230 V, 50 Hz); 2.75 A (230 V, 60 Hz)
	Main Unit = 6 A (230 V models only, quantity 2)
Power Source	Compartmental Access Refrigerator Component
Indoor/Outdoor Use	Indoor use only

Performance Data

Energy Consumption with the Compartmental Access Refrigerator	1.37 kW (115 V, 60 Hz); 2.19 kW (230 V, 50 Hz); 2.51 kW (230 V, 60 Hz)
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BloodTrack® Host Interface

Controller Type	Computer with 10.5" color LCD touchscreen
Audible	Internal mounted speaker
Communication/Data Ports (Rear)	(1) RS232 Port, (1) USB Port, (2) Ethernet Ports
Communication Port (Front)	Optical scanner
Communication Port (Printer drawer)	USB Type B connector
Battery Back-up	12 V, 7 Ah rechargeable sealed lead acid battery (quantity 1)

Dimensions and Construction

Exterior (w x h x d) in (mm)	14" x 51.5" x 23.6" / (356 x 394 x 599)
Drawer	1 pull-out, includes power cable (holds optional printer)
(w x h x d) in (mm)	9.4" x 7.8" x 20" / (239 x 198 x 508)
Net Weight	108 lb (49 kg)
Shipping Weight with the Consumable Cart	230 lb (104 kg)
Shipping Dimensions with the Consumable Cart (w x h x d) in (mm)	48" x 60" x 30" / (1219 x 1524 x 762)
Clearance Requirements	Allow 1.25" (32 mm) behind unit Allow 8" (203 mm) above unit
Options / Accessories	Tabletop mount kit, Wall mount kit, Alternate label chute

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)
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)
Compartments/Shelves	1 trash compartment / 2 adjustable shelves
Casters	Standard / swivel, locking
Net Weight	63 lb (29 kg)
Shipping Weight with the Access Console	230 lb (104 kg)
Shipping Dimensions with the Access Console (w x h x d) in (mm)	48" x 60" x 30" / (1219 x 1524 x 762)

BloodTrack® HaemoBank™ Specifications

Compartmental Access Refrigerator, Access Console and Consumable Cart

Combined Dimensions

(w x h x d) in (mm)	43.2" x 79.7" x 38.1" / (1097.28 x 2024.38 x 967.74)
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