

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 @ 15 °C to 32 °C ambient |
| Default Set Point | 4 °C |
| 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

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

Performance Data

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|--|--|
| 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) |
|--|--|

Controller

| | |
|------------------------|--|
| Interface | i.C ³ , 178 mm 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) mm | 629 x 1480 x 813 |
| Exterior (w x h x d) mm (Includes handle, casters, hinges) | 737 x 2024 x 968 Fits through standard 914 mm doorway |
| Exterior height without bezel | 2000 mm |
| Insulation | High-density, non-CFC foam |
| Wall Thickness | 51 mm |
| Door Thickness | 51 mm |
| Internal/External Material | Galvanized 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 | 339 kg |
| Shipping Weight | 471 kg |
| Shipping Dimensions (w x h x d) mm | 1118 x 864 x 2210 |
| Options / Accessories | Left or right hinged, Temperature Chart Recorder, Temperature Mapping Certificate, Z0199 Certificate of Calibration, Floor and Wall Mount kit |
| Clearance Requirements | Allow 76 mm behind unit Allow 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) |
|---|---|

BloodTrack® Host Interface

| | |
|-------------------------------------|---|
| Controller Type | Computer with 267 mm 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) mm | 356 x 394 x 599 |
| Drawer | 1 pull-out, includes power cable (holds optional printer) |
| (w x h x d) mm | 239 x 198 x 508 |
| Net Weight | 49 kg |
| Shipping Weight with the Consumable Cart | 104 kg |
| Shipping Dimensions with the Consumable Cart (w x h x d) mm | 1219 x 1524 x 762 |
| Clearance Requirements | Allow 32 mm behind unit Allow 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) mm | 269 x 457 x 533 |
| Exterior (w x h x d) mm (Includes handle, casters, hinges) | 361 x 705 x 549 |
| Compartments/Shelves | 1 trash compartment / 2 adjustable shelves |
| Casters | Standard / swivel, locking |
| Net Weight | 29 kg |
| Shipping Weight with the Access Console | 104 kg |
| Shipping Dimensions with the Access Console (w x h x d) mm | 1219 x 1524 x 762 |

BloodTrack® HaemoBank™ Specifications

Compartmental Access Refrigerator, Access Console and Consumable Cart

Combined Dimensions

| | |
|----------------|-------------------|
| (w x h x d) mm | 1098 x 2025 x 968 |
|----------------|-------------------|

