

Passport[®] 12

Specifications

Physical Dimensions

Monitor Size: 27.6 cm (H) x 13.7 cm (D) x 32.2 cm (W)
10.9" (H) x 5.4"(D) x 12.7" (W)

Weight: 4.5 kg (10 lbs) (Standard parameters configuration, including 2 lithium batteries and a recorder)

Input/Output Communications ECG Analog Output Specification

Bandwidth (-3dB; reference frequency: 10Hz)

Diagnostic Mode: 0.05 to 150 Hz

Monitor Mode: 0.5 to 40 Hz

Surgical Mode: 1 to 20 Hz

ST Mode: 0.05 to 40 Hz

Maximum Transmission Delay: ≤30 ms

Sensitivity: 1V/mV ±5%

Pacer Enhancement

Amplitude: $V_{oh} \geq 2.5V$

Width: 10ms±5%

Signal Rising and Falling Time: ≤100μs

Communication Protocol

DIAP Communication Protocol

HL7 Communication Protocol

Electrical Ratings

Power Supply: AC power, battery

AC Mains Power Source

AC Power: 100 to 240 VAC (±10%)

Current: 1.3 to 0.5 A

AC Power Input Frequency: 50/60 Hz (±3Hz)

Environmental Conditions

Temperature Range

Operating: 10°C to 40°C

Non-operating (storage): -20°C to 60°C

Humidity Range

Operating: 15% to 95%, non-condensing

Non-operating (storage): 10% to 95%, non-condensing

Altitude Range

Operating: (-1,000 to 9,841 feet ASL)
1,074 hPa to 700 hPa
(806 mmHg to 394 mmHg)

Non-operating (storage): (-1,000 to 15,000 feet ASL)
1,074 hPa to 700 hPa
(806 mmHg to 394 mmHg)



Monitor Interface

1 AC Power Input

Connectors:

- 1 RJ45 connector, 100 Base-TX, IEEE 802.3
- 1 VGA connector
- 2 USB 2.0
- 1 Equipotential Grounding Terminal
- 1 Multifunctional connector: Outputs defibrillator synchronization signals, nurse call signals and analog output signals

Battery

Type: Chargeable Lithium-Ion, 11.1DVC, 4.5 Ah

Number of Batteries: 2

Run Time:

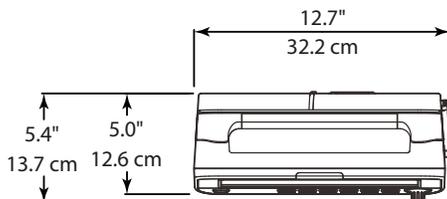
- ≥ 4 hours when powered by one new fully-charged battery (25°C, SpO₂, ECG, disconnected from Temp cable, Auto NIBP measurements at intervals of 15 minutes)
- ≥ 8 hours when powered by two new fully-charged batteries (25°C, SpO₂ sensor and ECG cable connected, Temp cable not connected, Auto NIBP measurements at an interval of 15 minutes)

Charge Time:

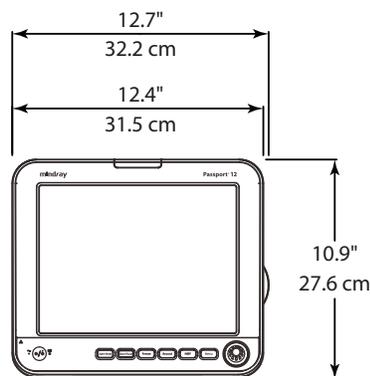
- Less than 3 hours to 90%, and less than 4 hours to 100% when the monitor is off.
- Less than 8 hours to 90%, and less than 12 hours to 100% when the monitor is on.

Shutdown Delay: at least 20 min (after a low battery alarm first occurs)

Top



Front



Side



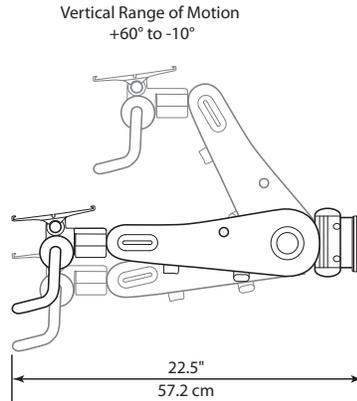
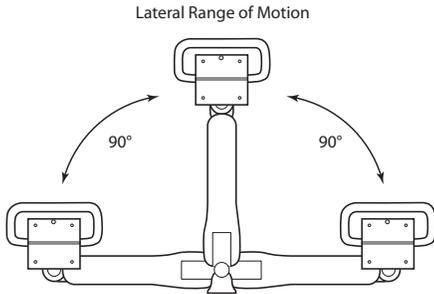
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Specifications

Mounting Solutions

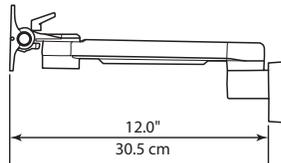
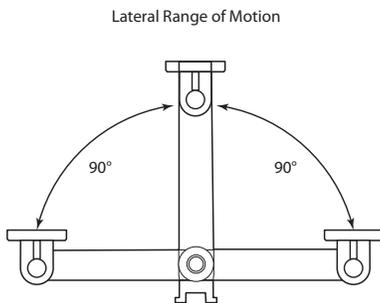
Variable Height Mount (VHM)

Moment Load: 40 lbs (18.1 kg)



Pivot Arm Wall Mount

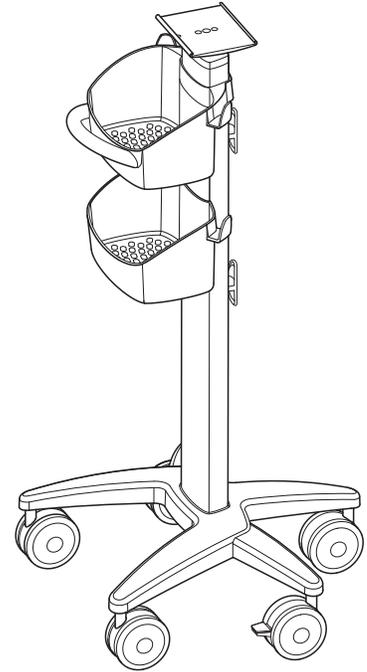
Moment Load: 60 lbs (27.2 kg)



Rolling Stand

Dimension: 47" (H) x 27" (W) x 27" (D)
119.4 cm (H) x 68.6 cm (W) x 68.6 cm (D)

Moment Load: 35 lbs (15.9 kg)



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