



## Specifications

**Dimensions**

**Height:** 9.5" (24.13cm)  
**Width:** 13" (33.02 cm)  
**Depth:** 8" (20.32 cm)  
**Weight:** 16 lbs (7.26 kg)

**Display** **Size:** 10.4" (26.41 cm)

**ECG**

**Leads:** I, II, III, aVR, aVL, aVF and V.

**Defibrillator overload protection:** Withstand Lown and trapezoidal or Edmark waveform up to 400 joules applied to 100 ohms load and electrode at 20 second intervals.

**Recovery time:** time for trace to return to screen from defibrillator moo pulse is 3 seconds maximum.

**IBP**

**Range to digital display; systolic/diastolic mean:** 20 to +300 mmHg.  
**Accuracy:** 2 mmHg or 2%, whichever is greater to numerical display position.  
**Zero range:**  $\pm 120$  mmHg minimum at nominal gain.

**Heart Rate**

**Range:** 30-300 bpm for adult/child, 30-350 bpm for neonatal.  
**Accuracy** 30-250  $\pm 3$  bpm or  $\pm 3\%$ , whichever is greater.

**NIBP**

**Technique:** Oscillometric  
**Systolic range:** 50 to 250 mmHg for adult/ped mode, 15 to 150 mmHg for neonatal mode.  
**Diastolic range:** 30 to 200 mmHg for adult/ped mode, 10 to 150 mmHg for neonatal mode.  
**Systolic accuracy:** mean error less than 7 mmHg, standard deviation less than 8 mmHg (adult/ped), mean error less than 4 mmHg, standard deviation less than 13 mmHg (neonatal)  
**Diastolic accuracy:** mean error less than 7 mmHg, standard deviation less than 8 mmHg (adult/ped), mean error less than 4 mmHg, standard deviation less than 7 mmHg (neonatal).  
**Heart rate meter range:** 30-250 bpm.  
**Heart rate meter accuracy:**  $\pm 3$  bpm or  $\pm 3\%$ , whichever is greater.

**Temperature**

**TScale: selectable:**  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$   
**Range:**  $15^{\circ}\text{C}$  to  $45^{\circ}\text{C}$ ,  $59^{\circ}\text{F}$  to  $113^{\circ}\text{F}$   
**Accuracy:**  $\pm 0.1^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  or  $\pm 0.2^{\circ}\text{F}$  59 to  $113^{\circ}\text{F}$



## Specifications

### Respiration (ECG)

**Range:** 4-200 pm

**Accuracy:**  $\pm 2\%$  or  $\pm$  bpm, whichever is greater

### Recorder

**Speed:** 50, 25, 12., 6.25, 3.125 mm/sec  $\pm 5\%$

### CO<sub>2</sub>

**Range:** 0-14.8 vol%, 0-14.8 kPa, 0-11 mmHg, 0-111 Torr.

**Rise Time:** < 400ms.

**Accuracy:**  $\pm$  (0.2% vol% to 2% of reading)

### O<sub>2</sub>

**Range:** 0-100 vol%

**Rise time:** < 400 ms.

**Accuracy:**  $\pm$  (0.2% vol% + 2% of reading)

### NO<sub>2</sub>

**Range:** 30-300 bpm for adult/child, 30-350 bpm for neonatal.

**Accuracy:** 30-250  $\pm 3$  bpm or  $\pm 3\%$ , whichever is greater.

### NIBP

**Range:** 0-100% N<sub>2</sub>O.

**Rise time:** <450 ms.

**Accuracy:**  $\pm$ (2 vol%+ 2% of reading)

### Battery

**Type:** 2 sealed lead acid batteries.

**Voltage:** 12 VDC nominal (@2.3A load).

**Capacity:** 2.3 AH each.

**Run time:** 1.5 hours from full charge of new battery at 25°C with SpO<sub>2</sub>, 1 NIBP every 15 minutes, no recording.

**Recharge time:** 16 hours.

**Low battery warning:** 11.6V,  $\pm 3.5\%$ . • Low battery cut off: 11.0V  $\pm 2.8\%$

