GE Datex Ohmeda Cardiocap 5 Patient Monitor

SOMA TECH INTL

The GE Datex Ohmeda Cardio Cap 5 is a compact patient monitor that can double as an anesthesia agent monitor. Offering parameter measurements such as; ECG, Spo2, CO2, NIBP, temperature, and heart rate. Additionally the Cardiocap 5 can measure the dynamics of blood flow and airway gas detection. The CardioCap can work in an operation room, recovery, ambulatory surgery centers, or anywhere else patient monitors are required. The CardioCap 5 comes with a color LCD monitor that is easy to read from across the room. The Display can show up to 6 different waveforms at once. The System can hold up to 24 hours of trending data.

Features

- Small Foot print and compact design
- 10.4 color LCD Display Screen
- 4 user configurable modes
- built-in battery backup
- Compatible with the Datex-Ohmeda S/5 Network
- Convenient mounting system

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Specifications

Dimensions	**Height:** 11.8” (30 cm) **Width:** 13” (33 cm) **Depth:** 8.7” (22 cm) **Weight:** <24.8 lbs (<11.2 kg)
LCD Display	**Type:** Active matrix color LCD **Size (Diagonal):** 10.4” **Resolution:** 640 x 480
Battery	**Type:** 12V 2.6AH, lead acid **Back-up battery time:** at least 15 minutes when fully charged **Charging time:** 5 hours (typical) The green battery charge status LED is On when the battery is fully charged, on the holding voltage. The LED flashes when the battery is being charged.
NIBP	**Measurement range:** Adult 25 to 260 mmHg (3.3 to 34.7 kPa) Child 25 to 195 mmHg (3.3 to 26.0 kPa) Infant 15 to 145 mmHg (2.0 to 19.3 kPa) **Pulse Rate Range Accepted:** 30 to 250 bpm **Typical Measuring Time:** Adults 23 seconds, infants 20 seconds
Temperature	**Measurement Range:** 50 to 113°F (10 to 45°C) **Measurement Accuracy:** 77 to 113 °F ± 0.2 °F (25 to 45.0 °C ± 0.1 °C); 50 to 76.8 °F ± 0.4 °F (10 to 24.9 °C ± 0.2 °C) **Probe Type:** Compatible with Datex-Ohmeda temperature probes only
ECG	**Waveform display (with 50 Hz power supply frequency):** Monitoring filter: 0.5 to 30 Hz ST filter: 0.05 to 30Hz Diagnostic filter: 0.05 to 100 Hz **Waveform display (with 60 Hz power supply frequency):** Monitoring filter: 0.5 to 40 H ST filter: 0.05 to 40 Hz Diagnostic filter: 0.05 to 100 Hz **Heart rate** Measurement range: 30 to 250 bpm Measurement accuracy: ± 5% or ± 5 Pacemaker pulse detection level: 2 to 500 mV Pacemaker pulse duration: 0.5 to 2 ms

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Specifications

Impedance Respiration

Respiration Range: 4 to 120 respirations/minute

Accuracy: ± 5% or ± 5 bpm

Pulse Oximetry (Standard)

Display Update Time: 5 seconds

Averaging Time: Adjustable

Plethysmographic Waveform Scaling: Adjustable

SpO2

Calibration range: 50 to 100%

Calibrated against functional saturation

Measurement range: 40 to 100%

Measurement accuracy (% SpO2 ±1 SD):
80 to 100% ± 2 digits;
50 to 80% ± 3 digits;
Below 50% unspecified

NOTE: SpO2 measurement accuracyis based on deep hypoxia studies using Datex-Ohmeda FingerSat sensors on volunteered subjects. Arterial blood samples were analyzed by a Radiometer OSM CO-oximeter. Refer to the sensor instructions for specific SpO2 accuracy data.

Pulse rate

Measurement range: 30 to 250 bpm
Measurement accuracy: ± 5% or ± 5 bpm

Default alarm limits

SpO2: high Off, low 90%
Pulse rate: high 160, low 40
NOTE: Limits are adjustable.

Sensor emitter wavelength ranges

Red LED: 660 nm
Infrared LED: 900 nm

Options

Pulse Oximetry, Datex-Ohmeda Enhanced (N-XOSAT)

Pulse Oximetry, Nellcor Compatible (N-XNSAT)

Invasive Blood Pressure (N-XP)

Airway Gasses (N-XC, N-XCO, and N-XCAiO): CO2, O2, N2O, Halothane, Isoflurane, Enflurane, Sevoflurane, Desflurane

Patient Spirometry (N-XV)

NeuroMuscular Transmission (N-XNMT)

Recorder (N-XREC)

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