

MoveOxy™ Technology

CMI PC-900B Purchase Decision Criteria

CMI Health's Capnograph offers several competitive advantages over other devices on the market that you should consider when making your purchase decision.

CMI Health's PC-900B Capnograph with Pulse Oximeter

is a "best-in-class" medtec device designed for use across a wide range of clinical settings. Our handheld device conveniently monitors End Tidal CO₂(EtCO₂), Respiration rate, Oxygen Saturation(SpO₂) and Pulse rate.

Monitoring and Data Management

24-hour data storage of pulse rate, SpO₂, respiration and EtCO₂. CMI offers software package to manage records. Bluetooth enabled, read-outs can be printed via an external printer so far. Records can be transmitted to PC via USB cable.

Technical Features

- Works for both intubated and non-intubated patients
- Interchangeable Straight or Elbow airway adapters available.
- Long battery life lasting 10 hours
- Adjustable Alarms



T connectors for intubated patient

Easy to Read Monitor

Screen provides large, sharp, multi-colored visual readings on a black background which makes reading it easy in all lighting conditions - especially in outdoor (EMS) environments where sun glare can be an impediment. Accessories Compatibility - CMI offers a full menu of airway adaptors, nasal cannula, and sampling lines. Our sampling lines from Luer Lock adhere to a series of universal standards which guarantees compatibility between manufacturers/devices.

Durability

includes silicon cover and is extremely durable and able to withstand the "hard knocks" often associated with EMS events.

High Portability

Easy to move room-to-room and is a valuable alternative or addition to any EMS toolkit which often contains a capnograph as part of an All-In-One device kit which requires moving the patient to the EMS vehicle of transporting the entire kit to the patient.

Equipped with MoveOxy™ advanced digital SpO₂, the PC-900B handheld Capnograph and Oximeter is capable in severe monitoring conditions, providing reliable SpO₂ and pulse rate measurements.

- Accurate monitoring even with weak pulse signals.
- Reliable monitoring while in motion.
- Provides graphical trends and plethysmographic waveform.



PC software for data review and analysis



Wireless connection to bluetooth printer

Features

- 3.5 inch TFT display monitoring EtCO₂, RR and SpO₂, PR
- Temperature, Pressure compensation system and Zero readjustment
- Balance gas compensation minimizing influence against other gases
- Lung pressure and temperature compensation (BTPS compensation)
- Applicable for intubated or non-intubated patients
- Data storage up to 24 hours
- Data output to PC for review and analysis via USB cable
- Integrated with wireless module compatible with Bluetooth printer

PC-900B CAPNOGRAPH AND OXIMETER

Our handheld Capnograph provides 24-hour data storage of pulse rate, SpO₂, respiration and EtCO₂.



Ventilation Units



Pulmonology



Anesthesiology



Dentistry



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PC-900B Capnograph and Oximeter

Technical Specifications

Accessories

EtCO₂

EtCO₂/CO₂ range: 0 – 150mmHg(0-20kPa, or 0-20%(V/V))
±2mmHg when 0-40mmHg
±5%(reading) when > 41-70mmHg
±8%(reading) when >71 - 100mmHg
±10%(reading) when > 101-150mmHg

Update: Every breath, 10sec, 20sec or 30sec selectable

Trend Length: 24 hours

Respiration Rate

Range: 3 – 150l/min

Accuracy: ±1%(reading) or
±1 times/min whichever is greater

Trend Length: 24 hours

Flux: 50-250cc/min selectable

SpO₂

Oximetry saturation range: 0 – 100%

Accuracy: ±2% when 70% – 100%
±3% when 50% – 69%

Trend Length: 24 hours

Pulse Rate

Range: 30 – 250 bpm

Accuracy: ±2% bpm or ±2%
(reading) when 30 – 250 bpm

Trend Length: 24 hours

Power

AC input: 100V – 250V, 50Hz/60Hz

AC power consumption: 5W

Operation

Working temperature: 5 – 40°C / 41 – 104°F

Humidity: 30 – 75% (non condensing)

Atmospheric pressure: 86 – 106kPa

Battery

Battery type: Built-in rechargeable lithium battery

Battery capacity: 3.6V, 3000mAh

Working time: Approximately 10 hours

Physical Data

Dimension: 70mm(W) x 160mm(H) x 40mm(D)

Weight: 600grams

Language

English/ Spanish/ Dutch



Airway Adapter



Water Filter



Nasal Cannula



Sampling Line



SpO₂ Sensor



Protection Cover



CO₂ Port



SpO₂ Port

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