

# PC-900A *Disamed*

## Vital Signs Monitor

CE<sub>1011</sub>

*Your health, our concern!*



### Overview:

PC-900A Vital Signs Monitor is a small multi-parameter patient monitor, which can monitor the vital physiological parameters: Pulse Oxygen Saturation (SpO<sub>2</sub>), End-tidal Carbon Dioxide (EtCO<sub>2</sub>), Inspired Carbon Dioxide (InsCO<sub>2</sub>) and Respiration Rate (RR)

### Features:

- ✚ Small in size, clear and bright display for remote view;
- ✚ Can be used to measure SpO<sub>2</sub>, EtCO<sub>2</sub>, InsCO<sub>2</sub> and RR;
- ✚ EtCO<sub>2</sub> and SpO<sub>2</sub> trend graph display for last 12, 24, or 96 hours;
- ✚ Audible & visible alarm with 3 levels of alarm events;
- ✚ Nurse call output is available;
- ✚ Built-in rechargeable battery;
- ✚ Built-in thermal printer is optional.

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 **CREATIVE  
MEDICAL**

## Technical Specifications:



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

**Technology:** Infrared absorption method

**Mode of Sampling:** Sidestream or Mainstream

**Measuring parameters:** Respiration Rate, EtCO<sub>2</sub> and InsCO<sub>2</sub>

**Typical measurement range:**

EtCO<sub>2</sub>: 0~150mmHg

InsCO<sub>2</sub>: 3~50mmHg

Respiration Rate: 2~150bpm (Sidestream) or 0~150bpm (Mainstream)

**CO<sub>2</sub> Accuracy:** 0~40mmHg ±2mmHg  
41~70mmHg ±5% of reading  
71~100mmHg ±8% of reading  
101~150mmHg ±10% of reading

**CO<sub>2</sub> Resolution:** 0.1mmHg (0~69mmHg); 0.25mmHg(70~150mmHg)

### SpO<sub>2</sub> Monitoring

**SpO<sub>2</sub> measurement range:** 35%~99%

**SpO<sub>2</sub> measurement accuracy:**

75% - 99% ±2%

50% - 74% ±3%

**Low perfusion performance:** 0.4%~5%

**Pulse rate measurement range:** 30bpm~240bpm

**Pulse rate measurement accuracy:** ±2bpm or 2% whichever is greater

Performance under low perfusion condition

The measurement accuracy still keeps the above specification while the blood perfusion index is as low as 0.4%. Display range of Perfusion Index: 0.2%~20%

### Printer

**Type:** Built-in thermal printer (optional)

**Recording speed:** 25mm/s

### Other Specifications

**Power supply:** 100~250VAC and 50/60 Hz

**Internal power supply:** 12VDC (rechargeable)

**Battery specification:** 12V 2.3AH(sealed lead-acid battery)

### Models Selectable

**PC-900:** For ECG, SpO<sub>2</sub> and NIBP monitoring

**PC-900S:** For SpO<sub>2</sub> monitoring

**PC-900N:** For NIBP monitoring

**PC-900SN:** For SpO<sub>2</sub> and NIBP monitoring

**PC-900A:** For SpO<sub>2</sub> and CO<sub>2</sub> monitoring

Note: Specifications subject to change without prior notice.



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