



PC-900PRC

Vital Signs Monitor

FEATURES

- 3.5" high resolution LCD display
- Table top design with user-friendly operation
- Up to 12000 groups NIBP and 2000 groups SpO₂ storage
- Auto, Manual and STAT NIBP measuring mode
- Inbuilt rechargeable li-ion battery
- USB connectivity for data output and software upgrading
- Flexible configurations among SpO₂, NIBP, TEMP and ECG
- Upgradable to Nellcor SpO₂ and SunTech NIBP



PRODUCT ACCESSORIES



ECG Leadwire



NIBP Cuff



SpO₂ Sensor



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NIBP

Measuring method:	Oscillometric Technique
Measuring range:	0 mmHg~300mmHg
Accuracy of pressure measurement:	±3 mmHg
NIBP measurement range:	
Systolic	40~275mmHg(Adult) 40~200mmHg(Pediatric) 40~135mmHg(Neonate)
Diastolic	10~210mmHg(Adult) 10~150mmHg(Pediatric) 10~95mmHg(Neonate)
MAP	20~230mmHg(Adult) 20~165mmHg(Pediatric) 20~110mmHg(Neonate)

NIBP accuracy:
Maximal mean difference: ±5 mmHg
Maximal standard deviation: 8 mmHg
Measurement mode: Manual, Auto, STAT

SpO2

Transducer:	dual-wavelength LED
SpO2 measuring range:	35%~100%
SpO2 measuring accuracy:	Less than 3% for SpO2 range from 70% to 100%
Low perfusion performance:	As low as 0.4%.

Pulse Rate

Pulse rate measuring range:	30bpm~240bpm
Pulse rate measuring accuracy:	±2bpm or ±2%, whichever is greater.

ECG

Input signals range:	± (0.5 mVp ~ 5 mVp)
HR measuring range:	15 bpm ~ 350 bpm
HR measuring accuracy:	± 1% or ± 2 bpm, whichever is greater.
HR alarm delay time:	≤ 10s
Tall T-wave rejection:	Rejects all T-wave less than or equal to 120% of 1mV QRS.
Sensitivity selection:	×1/4, ×1/2, ×1, ×2, tolerance: ± 5%
Sweeping speed:	25mm/s, tolerance: ±10%
ECG noise level:	≤ 30μVP-P
ECG input loop current:	≤ 0.1μA
Input impedance:	≥ 5MΩ
Common-mode rejection ratio (CMRR):	≥ 105dB
Time constant:	≥ 0.3s
Frequency response:	0.67 Hz~40 Hz

TEMP

Measuring range:	21.0 C~50.0 C
Measuring accuracy:	0.2 C

Others

Power supply:	100~240VAC, 50/60Hz
Inbuilt battery:	11.1V, 4400mAh Li-ion battery

Configurations

PC-900SN:	SpO2, PR and NIBP monitoring
PC-900SNT:	SpO2, PR, NIBP and TEMP monitoring
PC-900:	SpO2, PR, NIBP, TEMP and ECG monitoring

Options

Nellcor SpO2, SunTech NIBP, Printer, Bracket, Wall mount, Trolley, Central Monitor Station

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