



All-in-One Health Monitor

PC-203



Application:

Integrated with lithium battery, PC-200 Spot-check monitor conveniently measures SpO2 Pulse Rate, NIBP and TEMP. The device is widely used in hospitals, clinics and family daily measurement. Equipped with bluetooth and USB interface, users are able to transfer the data to PC/Cellphone for further diagnosis.

Feature:

- Measurement of SpO2, NIBP, Pulse Rate and TEMP
- Real-time measurement display on APK or IOS
- Quick ear probe TEMP measurement result in 5 seconds
- Integrated rechargeable lithium battery
- Data upload by Bluetooth for analysis and print out
- Optional with ECG and Glucometer

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Technical Specifications

A. SpO2 Parameter Specifications

Measuring range: 35%~100%
Accuracy: $\pm 2\%$ (during 75%~100%)
 $\pm 3\%$ (during 50%~74%)



SpO₂

B. Pluse Rate Parameter Specifications

Measuring range: (0~300)bpm
Accuracy: $\pm 2\%$ or $\pm 3\%$ (which ever is greater)

C. NIBP Parameter Specifications

NIBP Range: 0mmHg~300mmHg (0kpa-39.9kpa)
Pressure transducer accuracy: $\pm 3\text{mmHg}$
Measuring range: Systolic pressure: 60mmHg~240mmHg
Diastolic pressure: 30mmHg~180mmHg



Blood Pressure

D. TEMP Parameter Specifications

Measuring range: 32~43.9°C
Accuracy: $\pm 0.1^\circ\text{C}$ (during 35~39°C)
 $\pm 0.2^\circ\text{C}$ (other)
Measuring time: <20s



Temperature

E. ECG Measurement (Optional)

Heart Rate measuring range: 30bpm~240bpm
Heart Rate measuring accuracy: $\pm 2\text{bpm}$ or $\pm 2\%$ whichever is greater
Display scale: 5.0mm/mV $\pm 10\%$
Common-mode rejection ratio (CMRR): $\geq 60\text{dB}$

F. Blood Glucose Measurement (Optional)

Measuring range: 1.7mmol/L~27.8mmol/L
Measuring accuracy: $\pm 0.3\text{mmol/L}$
Responding time: 5s $\pm 0.5\text{s}$



Blood Glucose

G. Power Supply

Battery: 3.7V inbuilt Li-ion battery
Operating voltage: 3.6~4.2 VDC
Operating current: $\leq 800\text{mA}$
Charger: Input 100V~240 VAC, 50Hz/60Hz
Output 5VDC 1.2A

H. Environment Requirement

Temperature: 5°C~40°C
Humidity: 30%RH~80%RH



ECG

Note: Specifications subject to change without prior notice.



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