

Spot-check Monitor PC-203



Application:

Integrated with lithium battery, PC-203 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 Glucometer

Technical Specifications

A. SpO2

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

B. Pulse Rate

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

C. NIBP

NIBP Range: 0mmHg~300mmHg (0kpa-39.9kpa)
Pressure transducer accuracy: ± 3 mmHg
Measuring range: Systolic pressure: 60mmHg~240mmHg
Diastolic pressure: 30mmHg~180mmHg

D. Temperature

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

E. ECG (Optional)

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

F. Blood Glucose (Optional)

Measuring range: 1.7mmol/L~27.8mmol/L
Measuring accuracy: ± 0.3 mmol/L
Responding time: 5s ± 0.5 s

G. Power Supply

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



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