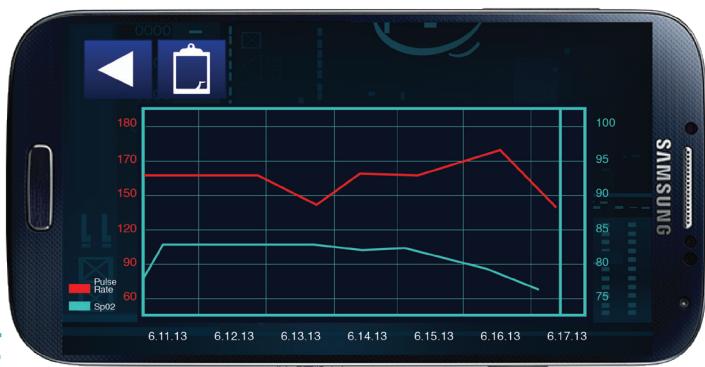


safe heart



iOximeter

SMARTPHONE PULSE OXIMETER



SAVE & CHART HISTORY
CUSTOMIZE SETTINGS



hypopotamus

ATLANTA TECH EDGE

ajc The Atlanta Journal-Constitution

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FEATURES



Works on
Android
& iOS.

Records continuously for 12 hours for overnight and records daily high and low for data analysis.

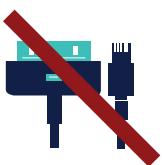
Displays Pulse Rate and Oxygen Saturation read through the Oximeter probe.

Warnings for when finger is out or probe is detached. Planned software updates every quarter to enhance and improve product performance.

Programmable Alarms for high/low pulse and high/low SpO2.



No Batteries



No Proprietary Connectors



Charge While
in Use



Works through
headphone jack



TECHNICAL

SpO ₂ Measurements	Range: 70%-100% Accuracy: $\pm 2\%$
Pulse Rate Measuring	Range: 40 bpm-250 bpm Accuracy: When the range of Pulse Rate is 30 bpm-100 bpm, the accuracy is within $\pm 2\%$ bpm; When the range of Pulse Rate is 100 bpm-250 bpm, the accuracy is within 2%.
Resolution	1% for SpO ₂ , 1 bpm for Pulse Rate and 0.1% for perfusion index.
Measurement Performance in Low Perfusion	SpO ₂ and Pulse Rate can be shown correctly when Perfusion Index is above 0.4%
Resistance to Surrounding Light	The deviation between the value measured with ambient artificial indoor or outdoor natural light versus that found in a darkroom is less than $\pm 2\%$.
Voltage	1.2-1.4 V
Power Consumption	<8mA
Optical Sensor	Red light (wavelength is 660nm, 6.65mW) Infrared (wavelength is 880nm, 6.75mW)