

## Requirements

Compatible Apple or Android device

PRIZMA App



## User Manuals

## Tech Specs

### Dimensions

102 mm L x 60 mm W x 4.5 mm H

### Weight

34 grams, 60 grams with cover

### Power

3.7 V rechargeable Li-ion battery

6 to 7 hours operational time

### ECG Characteristics

ECG channel: Lead one electrode

Dynamic range:  $\pm 5$  mV

Frequency response: 0.5 to 40 Hz

Input impedance:  $> 10$  M $\Omega$

DC offset:  $\pm 300$  mV

Pulse rate: 30 to 240 beats per minute (BPM)

Heart rate accuracy 30-240 BPM: 10% or  $\pm 5$  BPM, whichever is greater

Heart rate averaging: 3/4 of last average + 1/4 new beat (Ca. 8 beats between 60 to 120, or 120 to 60)

### Skin Temperature

Range/resolution: 31°C to 39°C (87°F to 102°F)

Ambient range: 20°C to 26°C (68°F to 78°F)

### Pulse Oximeter

Measurement range SpO<sub>2</sub>: 40% to 100%

Accuracy RMS (70% to 100% saturation):  $\pm 2.33\%$

(Reference device: OSM-3<sup>®</sup> multi-wavelength oximeter (Hemoximeter, Radiometer, Copenhagen)

Averaging period: 6 seconds