

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: ± 5 mV

Frequency response: 0.5 to 40 Hz

Input impedance: > 10 M Ω

DC offset: ± 300 mV

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

Heart rate accuracy 30-240 BPM: 10% or ± 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 SpO₂: 40% to 100%

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

(Reference device: OSM-3[®] multi-wavelength oximeter (Hemoximeter, Radiometer, Copenhagen)

Averaging period: 6 seconds