

Sensacare Product Specification Sheet

LINKTOP 6-IN-1 HEALTH MONITOR



Product Overview

The Linktop 6-in-1 Health Monitor is a compact, portable device designed for remote patient monitoring. It offers precise measurement of six key health vitals: ECG, heart rate, blood oxygen, body temperature, blood pressure, and optional blood glucose. TGA Listed.



Product Name: Linktop 6-in-1 Health Monitor
Model: SV-HC03

Category: Multi-Function Health Monitor
TGA Listed



Dimensions: 70 × 70 × 18.4 mm, Weight: 70g

Battery: 400mAh, 3.7V, 500 charge cycles, Bluetooth 4.0



Input Voltage: 5V±0.25V
Battery Capacity: 400 mAh
Battery Nominal Voltage: 3.7V

Battery Lifetime: 500 charge-discharge cycles

Key Features

- Measures 6 vital signs: ECG, heart rate
- Blood oxygen, body temperature,
- Blood pressure, blood glucose (non-invasive, rapid readings using advanced sensors)
- Lightweight, portable design with antimicrobial coating
- High-precision sensors and patented cuff

Blood Pressure & Heart Rate

- Measurement body part: Upper arm
- Applied arm circumference of cuff: 22-35 cm
- Cuff pressure: < 300 mmHg
- Measuring range of systolic pressure: 60-230 mmHg
- Measuring range of diastolic pressure: 40-130 mmHg
- Measuring error of blood pressure: ±3mmHg
- Measuring range of heart rate: 40-180 bpm
- Measuring error of heart rate: ±5%

ECG

- Measurement mode: Single lead
- Input impedance: >2.5MΩ
- Input circuit current: <0.1uA
- Calibration voltage: 1mV ± 5%
- Sensitivity tolerance: ≤ ±5%
- Polarization resistance voltage: ±300 mV
- 50Hz interference suppression filter: ≥20 dB
- Maximum input range: ±4 mV
- Amplitude variation: <10%
- Frequency response: 0.5~40Hz

Blood Oxygen

- Measurement body part: Finger
- Measuring method: Reflection
- Measuring range: 90%~100%
- Measuring error: ±1%
- Red light wavelength: 660 nm
- Infrared wavelength: 940 nm

Blood Glucose

- Measuring range: 1.1-33.3 mmol/L
- Accuracy:
 - ±0.83 mmol/L, for ≤5.55 mmol/L
 - ±15%, for >5.55 mmol/L
- Repeatability:
 - SD<0.42 mmol/L, for <5.5 mmol/L
 - CV<7.5%, for >5.55 mmol/L
- Test Strips Brand: BIOSTRIPS

Certifications & Compliance: CE, FCC, Bluetooth Certified, TGA, 2 year limited hardware warranty

Environmental Conditions + Package Contents

Operating: 5–40 °C, 15–93% RH | Storage: -25–70 °C, ≤93% RH
Package Contents: HC-03 Health Monitor, USB charging cable, Blood Pressure Cuff, User Manual