

BW1A

Handheld Pulse Oximeter

Product Features

- ◆ Digital technology
- ◆ Anti-movement, stable performance
- ◆ Power-saving function
- ◆ Bright, easy-to-read LED Numerals
- ◆ Durable, compact and Lightweight
- ◆ Accurate, reliable readings during motion and low-perfusion
- ◆ Audible/visual alarms with adjustable alarms
- ◆ Suitable for on-the-spot check and continuous monitoring
- ◆ Application: Adult, Pediatric and Neonate

Technical Specification

SpO₂

Measurement Range: 0~100%
Accuracy: ±2% during 70%~100%
0%~69% unspecified

Pulse Rate

Measurement range: 30 - 250 BPM
Accuracy: ±1 BPM or 2%
take the bigger one

Visual Displays and Indicators

SpO₂ Display: Red LED, variable brightness
Pulse Rate Display: Green LED, Variable brightness
Pulse intensity: Red LED 8 Bars
Power Indicator Light: Green
Low Power Voltage: Red and Blink
Low Perfusion Indicator: Red

Audio Indicators

Sensor off (Every 30 seconds)
Pulse beep
Key-Pressing
Low Battery

Dimensions

130mm(H)x69mm(W)x22mm(D)

Weight (with batteries/without batteries)

195g/100g

Environmental Specifications

Operation Temperature: 0~50°C (32~122°F)
Humidity: ≤95%
Altitude: -390~5,000m (-1,280~16,404ft)
Transport/Storage Temperature: -40~+70°C (-40°F~158°F)
Humidity: ≤95%

Power requirements

Four standard "AA" size batteries
Batteries capacity: 17 hours

Standard:



Adult Finger

Optional:



Pediatric Finger



Adult Soft-Finger



Pediatric Soft-Finger



Adult/Neonatal Wrap



Neonatal Y-Type



BW1A (Grey)



BW1A (Blue)

Alarm

Audible and Visual Alarms for High/Low SpO₂ and Pulse Rate
Alarm Limits Adjustable
Alarm Silence Interval: 30, 60, 90 and 120 sec
Low Perfusion Warning Indicator
Sensor Disconnect Alarm
Low-battery Warning Indicator

Compliance

SpO₂: ISO9919:2005
Safety Standards: EN60601-1: 1990+A1: 1993+A2:
1995+A13: 1996 Type BF-Applied
Alarm: IEC60601-1-1-8: 2005
EMC: EN60601-1-2: 2001, Group 1 Class A
Environment: WEEE(2002/96/EC)