

NT1A HAND HELD PULSE OXIMETER

- Bright, easy-to-read large LED display
- Durable, compact and lightweight
- Accurate, reliable readings during low perfusion and motion
- Audible/visual alarms with adjustable alarm limits
- Can be used for spot-check and continuous monitoring
- Suitable for adult, paediatric, neonate

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%
 whichever is the larger value

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-Normal
 Low Power Voltage: Red and Blink
 Low Perfusion Indicator: Red Bar

Audio Indicators

Probe off audio indicator (every 30seconds)
 Pulse audio indicator
 Key-pressing indicator
 Low power voltage

Alarm

Audible/Visual Alarms for High/Low SpO₂ and PR
 Alarm Limits Adjustable
 Alarm Silence Interval: 30, 60, 90, 120 sec. and OFF
 Low Perfusion and Motion Warning Indicator
 Sensor Disconnect Alarm
 Sensor off Alarm

Physical Characteristics

Dimensions:
 69 mm (W) x 130 mm (H) x 22 mm (D)
 [2.72 in (W) x 5.11 in (H) x 0.87 in (D)]
 Net Weight: 195g /100g*
 Gross Weight: 495g/395g*
 *with batteries/without batteries



Power Requirements

Four standard "AA" size alkaline batteries
 Battery Capacity: ≥ 12 hours

Environment

Operating Temperature: 0°C~50°C (32°F~122°F)
 Humidity: ≤ 95%
 Altitude: -390m~5,000m (-1,280 ft~16,404 ft)
 Transport/Storage Temperature: -20°C~70°C (-4°F~158°F)
 Humidity: ≤ 95%

Compliance

SpO₂: ISO 9919: 2005
 Safety Standards: EN60601-1: 1990+A1: 1993+A2:
 1995+A13: 1996
 Type BF-Applied
 Alarm Compliance: IEC60601-1-8: 2005
 EMC Compliance: EN 60601-1-2: 2001
 Group 1 Class A
 Environment: WEEE (2002/96/EC)

CODE
 POSNT1A

DESCRIPTION
 PULSE OXIMETER HAND HELD WITH ALARM

