

SOLARIS Handheld Oximeters



● NT1
(w/o Alarm)

● NT1A
(w/ Alarm)

- Bright, Easy-to-Read Large LED Display
- Durable, Compact and Lightweight
- Audible/Visual Alarms with Adjustable Alarm Limits
- Can Be Used for Spot-Check or Continuous Monitoring
- Suitable for Adult and Pediatric Patients

SpO₂:

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

Pulse Rate:

Measurement Range: 30 bpm ~ 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

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

Power Requirements:

Four Standard "AA" Size 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: -40°C~70°C (-40°F ~158°F)
Humidity: ≤ 95%

Physical Characteristics:

Dimensions: 69mm (W) x130mm (H) x 22mm (D)
[2.72in (W) x 5.11in (H) x 0.87in (D)]
Net Weight: 195g/100g (with batteries/without batteries)
Gross Weight: 495g/395g (with batteries/without batteries)

Compliance:

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

Available SpO₂ Sensors:



Adult Finger Sensor



Pediatric Finger Sensor

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