

# Handheld Pulse Oximeters

## NT1A

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- 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, Pediatric and Neonate



NT1A  
(with Alarm)

### SpO<sub>2</sub>:

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:

SpO<sub>2</sub> % 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 SpO<sub>2</sub> and Pulse Rate  
Alarm Limits Adjustable  
Alarm Silence Interval: 30, 60, 90 and 120 sec.  
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) x 130mm (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. SpO<sub>2</sub>: ISO 9919: 2005(E)
2. Safety Standards:  
EN 60601-1: 1990+A1: 1993+A2: 1995+A13: 1996
3. Alarm: IEC60601-1-8: 2005
4. EMC: EN 60601-1-2: 2007, Group 1 Class A
5. Environment : WEEE (2002/96/EC)

### Available Optional SpO<sub>2</sub> Sensors:



Adult Finger Sensor



Pediatric Finger Sensor



Neonatal Y-Type

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