

Vital Signs Monitor

NT2A Portable Pulse Oximeter



◆ **SpO₂ / PR**

CE 0123

- **Bright, Easy-to-Read Large LED Display**
- **Durable, Compact and Lightweight**
- **Long-life Internal Rechargeable Battery for Uninterrupted Monitoring**
- **Accurate, Reliable Readings During Low Perfusion and Motion**
- **Audible/Visual Three Level Alarms with Alarm Volume Control**
- **72-hour Data Memory Allowing On-screen Viewing of SpO₂ and Pulse Rate Trends**
- **Suitable for Adult, Pediatric and Neonate**

**SOLARIS
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Performance Measurement Range:

SpO₂: 0%~100%
Pulse Rate: 20bpm~250bpm

SpO₂ Accuracy:

No Motion:
Adults, Pediatrics: 70%~100% ±2%
0%~69% unspecified
Neonates: 70%~100% ±3%
0%~69% unspecified

Motion:
Adults, Pediatrics: 70%~100% ±3%
0%~69% unspecified
Neonates: 70%~100% ±4%
0%~69% unspecified

Low Perfusion:
Adults, Pediatrics: 70%~100% ±3%
0%~69% unspecified
Neonates: 70%~100% ±4%
0%~69% unspecified

Pulse Rate Accuracy:

No Motion: Adults, Pediatrics, Neonates: ±3%
Motion: Adults, Pediatrics, Neonates: ±5%
Low Perfusion: Adults, Pediatrics, Neonates: ±5%

Displays and Indicators:

SpO₂, Pulse Rate and Pulse Strength Bar
Pulse Search Indicator
Low Perfusion and Motion Warning Indicator
Alarm Silence Indicator
AC Power and Battery Charge Indicator
Low Battery Warning Indicator
Sensor Disconnect and Sensor off Warning Indicator

Alarm:

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

Available Optional SpO₂ Sensors:



Adult Finger



Pediatric Finger



Adult Soft-Finger



Pediatric Soft-Finger



Adult/Neonatal Wrap



Neonatal Y-Type

Output:

RS-232 Serial Port for Digital Output
Nurse Call Function

Electrical Instrument:

Power Requirements: 100~240VAC, 50/60Hz, 20VA
Fuse Rating: 1.0A

Battery:

Internal Battery: 12V 3.6Ah
Battery Capacity: ≥24 hours

Environment:

Operating Temperature: 5°C~40°C (41°F~104°F)
Humidity: ≤ 80%
Altitude: -390m~5,000m (-1,280 ft ~16,404 ft)

Transport/Storage
Temperature: -20°C~70°C (-4°F~158°F)
Humidity: ≤ 95%

Physical Characteristics:

Dimensions: 264mm(W) x 95mm(H) x 172mm(D)
[10.39in(W) x 3.74in(H) x 6.77in(D)]
Net Weight: 2.5kg/5.5lb
Gross Weight: 3.5kg/7.7lb

Compliance:

1. SpO₂: ISO 9919: 2005
2. Safety Standards:
EN60601-1: 1990+A1: 1993+A2: 1995+A13: 1996
Type BF-Applied
3. IPX1 Approved
4. Alarm: IEC60601-1-8: 2005
5. EMC: EN60601-1-2: 2001, Group 1 Class A
6. Environment: WEEE (2002/96/EC)

Thermal Array Recorder (Optional):

Prints Graphical and Tabular Trend

(One adult finger SpO₂ sensor is included with each unit.)

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