



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



Available Optional SpO2 Sensors



POSS400A
Finger Sensor
Adult



POSS400P
Finger Sensor
Pediatric



POST400A
Soft Finger Sensor
Adult



POST400P
Soft Finger Sensor
Pediatric



POSW400
Wrap Sensor
Adult-Neonatal

CODE	DESCRIPTION
POSNT1A	PULSE OXIMETER HAND HELD WITH ALARM
POSMS	MEMBRANE SWITCH FOR POS10V & POSNT1A
POSS400A	FINGER SENSOR ADULT
POSS400P	FINGER SENSOR PEDIATRIC
POST400A	SOFT FINGER SENSOR ADULT
POST400P	SOFT FINGER SENSOR PEDIATRIC
POSW400	WRAP SENSOR ADULT/PEDIATRIC/INFANT/NEONATAL

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NT1A HAND HELD PULSE OXIMETER

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)

