

OXYPALM

Digital Handheld Pulse Oximeter



OXYPALM is designed for convenient spot-checking and continuous monitoring of adult, paediatric, infant & neonate patients; in hospital, clinics, ambulatory, home and EMS (Emergency Medical Services) environments.

It has bright LED displays for oxygen saturation and pulse rate measurements, pulse strength indicator, alarm silence and low battery power.

Key Features

- Simple - Easy Operation
- Compact - Lightweight and Portable
- Robust - Powerful for motion artifact rejection
- Supplied with flexi finger sensor for adult & paediatric patients weighing >30kg
- Infant and Neonate sensors available separately

OXYPALM Handheld Pulse Oximeter with Alarms

Displays, Indicators & Keys:

SpO ₂	Red 7-segment LED numeric display
Pulse Rate	Red 7-segment LED numeric display
Pulse Strength	Yellow 10-segment LED bar graph
Low Battery	LED indicates when batteries are low
Alarm Silence	LED flashes green to remind the user that audio alarms are disabled
Sensor Off	LED message "Fln OPn" alerts the operator to check the SpO ₂ sensor placement
Lost Pulse	Flashing numerics showing last SpO ₂ & Pulse Rate readings indicate the signal has become weak or motion is detected

SpO₂:

Range	0 to 100%
Accuracy	+/- 1% at 90 to 100%; +/- 2% at 80 to 89%; +/- 3% at 65 to 79% Unspecified below 64%
Averaging	4, 8 or 16 pulse beat average
Alarm Range	Low: 85% - 99% (1% steps)

Pulse Rate:

Range	25 to 255 bpm
Accuracy	+/- 1%
Alarm Range	High: 35 - 255 bpm (5 bpm steps) Low: 30 - 250 bpm (5 bpm steps)

Power:

Battery	4 x Standard AA Alkaline batteries
Battery Life	Approx. 20 hours of continuous use.

Physical:

Dimensions	12.4cm H x 6.9cm W x 2.5cm D (4.88" x 2.72" x 0.98")
Weight	250g (8.82 oz) incl. batteries 120g (4.23 oz) excl. batteries

Environment:

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	10 to 95% (non-condensing)

Standards:

Class IIa equipment
CE Medical Device Directive (93/42/EEC)
EN60601-1-1 (Safety of Electric Medical Equipment)
EN60601-1-2 (Electromagnetic Compatibility Requirements)

Regulatory Compliance:

ISO 9001
ISO 13485
CE 0120



Specifications subject to change without prior notice