



Handheld Pulse Oximeter

OxiSmarter H



The OxiSmarter H Handheld Pulse Oximeter is specially designed with SpO₂ wave LCD display for neonatal, pediatric and adult patients. The device is not only compact but also easy to operate, which can provide spot-check monitoring of SpO₂ and pulse rate. It's an ideal portable SpO₂ diagnostic equipment for clinical, homecare and ambulance use.

Features

- LCD Display with SpO₂ waveform
- Compact and easy operate
- Alarm or mute are selectable
- Complete Data history
- SpO₂ and PR value limit can be set
- Use convenient AA-sized batteries
- Compatible with AccuSensor series and BCI sensors

Technical Specification

Patient Range

Adult, Pediatric and Neonatal

SpO₂

Range 0%-100%

Resolution 1%

Accuracy 70%-100%: ± 2

0%-69%: unspecified

Method Dual wavelength LED

Heart (Pulse) Rate

Range 25-254 bpm

Resolution 1bpm

Accuracy ± 2 bpm or $\pm 2\%$

Alarm

Alarm SpO₂, probe off

Modes Audio, visual, information

Display

Type Backlit LCD

Parameters SpO₂, PR, Pleth waveform, Pleth bar.

Information SpO₂ & PR trend, browse,

Low power, error, time

Environmental

Operating Temperature 0°C-50°C

Storage Temperature -10°C - 60°C

Operating Humidity 15%RH - 95%RH

Storage Humidity 10%RH - 95%RH

Classification

Type of protection internally powered equipment

Safety IEC 60601-1

Storage

Data records up to 1,440

Mechanical

Size 150 x 94 x 47 mm

Battery

Type 4 AA Alkaline batteries or

4 AA rechargeable batteries

Operation time Approximately 24 hours for normal operation



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