



Finger Type Pulse Oximeter

OxiSmarter I



OxiSmarter I is a unique designed Finger Type Pulse Oximeter which can check patient's heart rate and blood-oxygen saturation levels simply and quickly. The OxiSmarter I finger type pulse oximeter (weight 50g only) provides reliable SpO2 and pulse rate measurement and can be worn around the neck. It's convenient for spot check readings. The Large OLED display allows for use in a wide range of light and dark environments. The value of SpO2 and PR can be clearly read in the different angle of OLED display. It's great SpO2 diagnostic tool for physician or nurse to go on an inspection around sickrooms of Hospital.

Features

- Large OLED display with SpO2 waveform
- Display direction is selectable
- Automatic power off after removing finger in 8 secs
- Low batter capacity indication
- Light weight less than 50 gs
- Two AAA batteries for easy replacement
- Brightness can be adjusted in 10 level
- Can be worn around the neck for convenient spot checking

Technical Specification

Patient Range

Adult, Pediatric

SpO2

Range 70% - 99%

Resolution 1%

Accuracy 80% - 99%: ± 2
70% - 80%: $\pm 2\%$

Method Dual wavelength LED

Heart (Pulse) Rate

Range 30 - 235 bpm

Resolution 1 bpm

Accuracy ± 2 bpm or $\pm 2\%$

Display

Type OLED Display
6 display modes

Parameters SpO2, PR, Pleth bar, Pleth waveform

Information Low Battery

Environmental

Operating Temperature 5°C - 40°C

Storage Temperature -10°C - 40°C

Operating Humidity 15%RH - 80%RH

Storage Humidity 10%RH - 80%RH

Classification

Type of protection internally powered equipment

Safety IEC 60601-1-2

Mechanical

Size 61 x 32 x 37 mm

Weight 50g (including 2 batteries)

Battery

Type 2 AAA size (1.5Vdc) Alkaline Batteries or
2 AAA (1.5Vdc) rechargeable batteries

Operation time: minimum 30 hours for normal
Operation

Display Modes



FDA CE0434 ISO 13485:2003



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