

Finger Pulse Oximeter

Model: OxiSmarter I



OxiSmarter I is a unique designed Finger Type Pulse Oximeter which can check patient's heart rate and blood-oxygen saturation levels easily 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 OLED display and adjustable brightness allow using in a wide range of light and dark environments. And the value of SpO₂ and PR can be clearly read in different angles of OLED display. It's a great SpO₂ diagnostic tool for physician and nurse to go into inspection around sickrooms of Hospital, also suitable for clinic use.

Features

- Large OLED display with SpO₂ waveform
- Display directions are selectable
- Low battery capacity indication
- Automatic power off after removing finger in 8 secs
- Light weight less than 50 g
- Two AAA batteries for easy replacement
- Brightness can be adjusted in 10 levels
- Can be worn around the neck for quick spot checking

Display Modes



Technical Specification

Patient Range	Display	Adult & Pediatrics
		Digital OLED display, 6 display modes
	Parameter	SpO ₂ , Pulse Rate(PR), PLETH bar, waveform
	Information	Low battery
	Brightness	Adjustable in 10 levels
Battery		2 AAA (1.5Vdc) batteries
		Runtime: minimum 30 hours for standard use
Pulse Rate (PR)	Range	30 - 235 bpm
	Resolution	±1 bpm
	Accuracy	±2 bpm or ±2%
SpO₂	Range	70 - 99%
	Resolution	±1%
	Accuracy	80% - 99%: ±2% 70% - 79%: ±2%
	Method	Dual wavelength LED
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
Appearance	Dimension	61 x 32 x 37 mm
	Weight	50g (including 2 batteries)