

Finger Pulse Oximeter - OxiSmarter 1



OxiSmarter 1 is a nicely designed Finger Type Pulse Oximeter which can check a patient's heart rate and blood-oxygen saturation levels easily and quickly. The OxiSmarter 1 finger type pulse oximeter provides reliable SpO₂ and pulse rate measurement and can be worn around the neck. It is convenient for spot check readings. The OLED display and adjustable brightness allow usage in a wide range of light and dark environments. And the value of SpO₂ and PR can be clearly read at different angles from the OLED display. It is a great SpO₂ diagnostic tool for physicians and nurses to go for inspection around sickrooms of hospitals, also suitable for clinic and home use.

Features

- Large OLED display with SpO₂ waveform
- Display direction can be selected
- Low battery capacity indication
- Automatic power off after removing finger within 8 seconds
- Light weight
- Two AAA batteries for easy replacement
- Brightness can be set at 10 levels
- Can be worn around the neck for quick spot checking

Technical Specifications

Patient Range	Adult & Paediatrics	
Display	Digital OLED display, 6 display modes	
	<i>Parameters</i>	SpO ₂ Pulse Rate (PR), PLETH bar, waveform
	<i>Information</i>	Low battery
	<i>Brightness</i>	Adjustable (10 levels)
Battery	2 AAA (1.5Vdc) batteries Runtime: minimum 30 hours for standard use	
Pulse Rate (PR)	<i>Range</i>	30 - 235 bpm
	<i>Resolution</i>	1 bpm
	<i>Accuracy</i>	30-99 bpm : +/- 2bpm 100 - 235 bpm : +/- 2%
SpO₂	<i>Range</i>	70% - 100%
	<i>Resolution</i>	1%
	<i>Accuracy</i>	70% - 100% : +/- 2% 0% - 69% not defined
	<i>Method</i>	Dual wavelength LED
Environmental	<i>Operating Temperature</i>	5°C - 40°C
	<i>Storage Temperature</i>	-20°C - 55°C
	<i>Operating Humidity</i>	RH ≤ 80%, non-condensing
	<i>Storage Humidity</i>	RH ≤ 93%, non-condensing
Classification	<i>Type of protection</i>	Internally Powered
	<i>Equipment</i>	
	<i>Compatibility</i>	Class B
	<i>Safety</i>	IEC 60601-1-2
Appearance	<i>Dimension</i>	61 x 32 x 37 mm
	<i>Weight</i>	50g (including 2 batteries)



Display Mode

