

MD300C19

Fingertip Pulse Oximeter

Pulse oximeter is a very important and common device to check patient blood-oxygen saturation (SpO₂) level and pulse rate. As a small, compact, simple, reliable and durable physiological monitoring device, Fingertip pulse oximeter greatly enhances patient care. It is widely applied in clinic, hospital, social medical organizations etc.



TECHNICAL SPECIFICATIONS

Patient Range

Adult and Pediatrics

SpO₂

Measurement range: 70% - 99%

Resolution: 1%

Measurement accuracy: 70% - 99%: $\pm 2\%$
 $\leq 69\%$: No definition

Pulse Rate

Measurement range: 30 - 235bpm

Resolution: 1bpm

Measurement accuracy: 30 - 99bpm: $\pm 2\text{bpm}$
100 - 235bpm: $\pm 2\%$

Display

Type	Digital LEDs display
Parameters	SpO ₂ , PR, Pulse bar
Mode	1 display mode

Alarm

Alarm	Battery-low indicator
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Mechanical

Dimension	58mm (L) * 32mm (W) * 34mm (H)
Weight	50g (including batteries)

Battery

Two AAA 1.5V, 600mAh alkaline batteries could be continuously operated as long as 30 hours.

FEATURES

- ✧ Small & lightweight design
- ✧ High brightness LEDs display SpO₂, PR, and Pulse bar
- ✧ Low power consumption; battery-low indicator
- ✧ Automatically power off; 2 AAA alkaline batteries
- ✧ Optional multi-color silicon rubber boot and carrying case
- ✧ Suitable for pediatric and adult

Environmental

Operation Temperature	5°C - 40°C
Storage Temperature	-20°C - 55°C
Operation Humidity	$\leq 80\%$, no condensation
Storage Humidity	$\leq 93\%$, no condensation

Interference Resistance Capacity against Ambient Light

Device works normally when mixed noise produced by BIO-TEK INDEX Pulse Oximeter tester

AUTHORIZED AGENT

Beijing Choice Electronic Technology Co., Ltd

Add.: 4th Floor, Jingyang Science and Technology Building, NO.15 Xijing Road,

Shijingshan District, Beijing 100041, P.R.China

Tel: +86 10 88204188 / 88203520

FAX: +86 10 88204632

Email: market@choicemed.com

Website: www.choicemed.com

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