

SP-20

Handheld Pulse Oximeter



Features

- Measuring SpO₂, Pulse Rate and Temperature(optional)
- 3.5 inch TFT display of PI%, plethysmograph and pulse bar
- Adult, pediatric and neonate measurement
- Lithium battery up to 18 hours
- 500 hours SpO₂ data storage
- PC software for data upload
- Adult, pediatric & neonatal probes supplied as standard
- Inbuilt alarms



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Supporting Healthcare in Low Resource Environments

Technical Specifications

SpO₂

Technique: Dual-wavelength LED

Measuring range: 35%~100%

Measuring accuracy: $\pm 3\%$ (range from 70% to 100%)

Pulse Rate

Measuring range: 30bpm~240bpm

Measuring accuracy: ± 2 bpm or $\pm 2\%$

Temperature(Option)

Measuring range: 32°C ~ 43°C

Measuring accuracy: ± 0.2 °C

Measuring time: < 5 seconds

Measuring probe: Infrared ear probe

Measuring Mode

Continuous or Spot check mode

Perfusion Index

PI Range: 0.2%~20%

Data Storage

Up to 500 hours

Display

3.5 TFT display

Power Supply

Lithium battery

Charging

Charging stand or USB cable

Dimension

158 mm x 73 mm x 25 mm

Net Weight

230g

Data Upload

USB cable or wireless

Operating Environment

Operating Temperature: 5°C ~40°C

Operating Humidity: 15%-93%



Adult clip sensor



Adult soft sensor



Pediatric clip sensor



Pediatric soft sensor



Neonate wrap sensor



Infrared ear thermometer



**Medical Aid
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Medical Aid International,
Unit 3, Firs Farm
Stagsden, Bedfordshire
MK43 8TW, UK

Tel: +44 (0) 1234 930 394
www.medaids.co.uk



FDA 510(k)

Shenzhen Creative Industry Co., Ltd.

2/F, Block 3, Nanyou Tian'an Industry Town, 518054 Shenzhen, GD, P.R. China
Tel: +86 755 26433514 Fax: +86 755 26430930