

# 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 management



### Technical Specifications

|                            |                             |                                      |  |
|----------------------------|-----------------------------|--------------------------------------|--|
| <b>SpO<sub>2</sub></b>     |                             | <b>Display</b>                       |  |
| Technique:                 | Dual-wavelength LED         | 3.5" color TFT display with rotation |  |
| Display range:             | 0%~100%                     |                                      |  |
| Measuring accuracy:        | ±2%(range from 70% to 100%) |                                      |  |
| <b>Pulse Rate</b>          |                             | <b>Power Supply</b>                  |  |
| Measuring range:           | 30~250bpm                   | 2000mAh lithium battery              |  |
| Measuring accuracy:        | ± 2bpm or ±2%               |                                      |  |
| <b>Temperature(option)</b> |                             | <b>Charging</b>                      |  |
| Measuring range:           | 32℃~43℃                     | Charging stand or USB cable          |  |
| Measuring accuracy:        | ± 0.2℃                      |                                      |  |
| Measuring time:            | ≤ 5 seconds                 |                                      |  |
| Measuring probe:           | Infrared ear probe          |                                      |  |
| <b>Perfusion Index</b>     |                             | <b>Dimension</b>                     |  |
| PI display range:          | 0.2%~20%                    | 158mm x 73mm x 25mm                  |  |
| <b>Measuring Mode</b>      |                             | <b>Net Weight</b>                    |  |
| Continuous or Spot check   |                             | 230g                                 |  |
| <b>Data Storage</b>        |                             | <b>Data Upload</b>                   |  |
| Up to 500 hours            |                             | USB cable or wireless                |  |
|                            |                             | <b>Operating Environment</b>         |  |
|                            |                             | Operating Temperature: 5℃~40℃        |  |
|                            |                             | Operating Humidity: 15%-93%          |  |



Adult clip sensor



Adult soft sensor



Pediatric clip sensor



Pediatric soft sensor



Neonate wrap sensor



Infrared ear thermometer



FDA 510(k)

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