

Fingertip Pulse Oximeter

MEDICARE P-101

Technical Parameters.

1. Display Format: LED.
SPO₂:35-99% in two-digit 7-segment digital display.
Pulse Ratio:30-240 BPM in 3digit 7 segment digital display.
Pulse Wave : 6-segment bar graph display.
Battery Voltage Low Indication: LED Signals.
2. Power Requirement : Two AAA Size 1.5V Alkali Battery.
3. Power Consumption: Less than 40mA
4. Resolution:±1% for SPO₂ and ±1BPM for Pulse Ratio.
5. Measurements Accuracy:±2% in stage of 70% - 99%.
±2 bpm for Pulse Ratio.
6. Measurement Performance in weak filling condition.
Oxyhemoglobin and pulse value can be shown correctly
when pulse -filling ratio is 0.5%.
7. Interference Resistance Capacity against Ambient Light:
Deviation is smaller than±1% between value of
Oxyhemoglobin measured in natural lighting indoor
condition and present lighting sources and that measured
in dark room.
8. It is equipped with a function switch,through which the
Oximeter can be automatically off
when no finger is in the Oximeter more then 8 seconds.



Product Properties.

1. Operation of the product is simple and convenient.
2. The product is small in volume, light in weight(total weight is about 50g including batteries) and convenient in carrying.
3. Power Consumption of the product is low and the two originally-equipped two AAA batteries can be operated continuously for 30 hours.
4. Low voltage warning will be indicated in visual window when battery voltage is too low then normal operation of the Oximeter might be influenced.
5. The product will automatically be powered off when no signal is in the product for more then 8 seconds.

Enjoy the convenience of the world's most used oximeter at your fingertip. **P-101** provides a simple way to spot check your patient by combining the sensor and oximeter all into one easy-to-use device.

Product Operation Scope.

The fingertip Oximeter can be used to measure human Hemoglobin Saturation and heart beat through finger. The product is suitable for use in family, hospital (including clinical use in internist/surgery, Anesthesia, padiatrics, intensive care and etc) Oxygen Bar, Social medical organizations ,physical care in sports (it can be used before or after sports).

Continually monitoring is not recommended.

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Actual Size.



Plus
reference.